

Risk Assessment

Activity: Vertical Crates

Activity Aspect	Hazard	Risk	Likelihood	Risk Level	Rating	Control measures
Setting up/packing up the activity	Heavy floor mats	Injuries related to lifting	Rare	Moderate	Moderate	Instructors are taught safe lifting techniques. If they can't lift them, they get a second instructor to help.
		Tripping hazard	Unlikely	Minor	Low	Mats are to be placed flushly next to each other and flattened out to the ground top minimise a tripping hazard.
	Belay devices	Pinched fingers	Unlikely	Minor	Low	Instructors are all trained in how to properly use a belay station and to belay.
		Rope burn	Unlikely	Minor	Low	Instructors are all trained in how to properly use a belay station and to belay.
	Crates	Could fall and hit people	Rare	Minor	Low	Instructors use the hockey sticks to drag the crates out along the floor. If instructors don't have the sticks, they carry them in their hands, not in a tower above their head.
	Chain	Tripping hazard	Rare	Minor	Low	Instructors are to make sure the chain gets put up properly so that its off the ground and has its safety signs on it.

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People in the rec hall	Distract the instructors	Unlikely	Minor	Low	People are kept out of the rec hall during set up and pack up.	Introduction/Debrief
	Unsupervised use of the equipment	Very unlikely	Major	High	People are kept out of the rec hall during set up and pack up. During break times the activity is packed up out of the way and everything that could be of danger to people have warning signs placed on them telling people to not use.	
					Instructors assist in the application of harnesses and to helmets to limit this issue and to ensure they get put on correctly.	
					Mats are to be placed evenly next to each other and flattened out to the ground top minimise a tripping hazard.	
					Instructors are to make sure the chain gets put up properly so that its off the ground and has its safety signs on it.	
					Instructor is to take the group away from the stations when doing an intro and running the session.	

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	Unsupervised use of the equipment	Tripping	Rare	Minor	Low	Instructor to keep group together so participants don't get left by themselves near equipment.
		Falling	Rare	Major	High	Instructor to keep group together so participants don't get left by themselves near equipment.
Running the activity	Behavioural issues	Injuring someone else	Unlikely	Moderate	Moderate	Instructors are trained in how to monitor participants with difficult behavioural issues.
	Milk crates	Could fall and hit people	Possible	Moderate	High	Participants are to keep helmets on at all times.
	Throwing crates	Hit someone	Possible	Minor	Moderate	Participants are to keep helmets on at all times.
	Mats	Tripping	Rare	Minor	Low	Mats are to be laid down neatly next to each other so that the edges aren't flicked up.
	Chain	Tripping	Rare	Minor	Low	Chain is to be put up properly with the two warning signs put up properly.
	Harnesses fitted incorrectly	Tripping	Unlikely	Minor	Low	Instructors are to teach properly how to fit harnesses as to avoid participants tripping over.
Falling		Rare	Major	High	Instructors are to check each harness before a participant goes up on the activity. Each instructor is signed off for their ability to put on a harness.	

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<p>Instructors to check each helmet to make sure they are fitted correctly. Participants aren't allowed to take off their helmets inside the chained off area. They can only take them off behind the yellow chain and next to the fireplace. Each instructor goes through delay training and needs to be signed off before they are allowed to delay with participants. When the activity is unsupervised, everything is packed up neatly to the side of the rec hall and anything that could be of danger to participants has warning signs placed on them.</p>	<p>Low</p>	<p>Minor</p>	<p>Unlikely</p>	<p>Crates falling down</p>	<p>Helmets fitted incorrectly or off</p>	<p>Environmental</p>
<p>Each instructor goes through delay training and needs to be signed off before they are allowed to delay with participants. When the activity is unsupervised, everything is packed up neatly to the side of the rec hall and anything that could be of danger to participants has warning signs placed on them.</p>	<p>High</p>	<p>Major</p>	<p>Rare</p>	<p>Falling</p>	<p>Untrained belayer</p>	
<p>When the activity is unsupervised, everything is packed up neatly to the side of the rec hall and anything that could be of danger to participants has warning signs placed on them.</p>	<p>Low</p>	<p>Minor</p>	<p>Rare</p>	<p>Tripping</p>	<p>Unsupervised use of the equipment</p>	
<p>When the activity is unsupervised, everything is packed up neatly to the side of the rec hall and anything that could be of danger to participants has warning signs placed on them.</p>	<p>High</p>	<p>Major</p>	<p>Rare</p>	<p>Falling</p>		

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Maintenance	Incorrect use of maintenance tools	Injury	Rare	Major	High	The instructors performing maintenance on the vertical Challenge have been trained in the processes of doing so or are under the supervision of someone who does.
Other						

Risk Matrix

Risk assessment matrix template as specified by the Australian Adventure Activity Standards Core Good Practice Guide v1.0 which was updated in 2019.

The level of risk matrix combines the scales for likelihood and consequence to produce a qualitative description of the level of risk. An example of the level of risk descriptors are low, moderate, high, and extreme. There is a direct relationship between the increased likelihood of something occurring, the worse the consequences are and the higher the level of risk.

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	High	High	Extreme	Extreme	Extreme
Likely	Moderate	High	High	Extreme	Extreme
Possible	Low	Moderate	High	Extreme	Extreme
Unlikely	Low	Low	Moderate	High	Extreme
Rare	Low	Low	Moderate	High	High

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