

Risk Assessment: Crate Stack

Reviewed: May 2017

Next Review Date: May 2018

Assessment undertaken by: Chris Martlew, Senior Instructor

L = LOW M = MEDIUM H = HIGH

Hazards	Effects	Who might be effected	Risk		Methods to Avoid/Reduce Risk
			Likelihood	Consequence	
Crate Stack					Crate Stack
Falling	Death, serious to minor injuries to the group or individuals.	All	L	H	Clear safety brief given by trained instructors Climbers are to be attached to a safety rope at all times. There must be a minimum of 2 belayers on each rope at all times. Instructors are to check the fitting of harnesses and helmets It is critical to make sure tension is maintained on the belay line. The instructor may need to provide additional direct support while supervising the lower off - one climber at a time, keeping the speed under control. The instructor is to end the session if safety is compromised at any point.
Belayers slipping	Back/neck injury, sprains, bruising, and cuts. Injury to climber.	Individual	M	L/H	Clear safety brief given by instructor The instructor may need to provide additional direct support while supervising the lower off - one climber at a time, keeping the speed under control. Ensure belayers are focused. Check ground is clear of debris and not slippery. Belay should be attached into the system, to limit movement. Tension should be maintained on the belay ropes at all times.
Panic attack	Shock, bruising, asthma	Individual	L	L/M	Participants must carry relevant medication The instructor is to ensure they have a first aid kit on session. All rescues must be carried out in accordance with site specific procedures
Damage unsuitable equipment	Death, serious to minor injury	All	L	H	Pre-use equipment checks carried out by instructors Equipment fitted, supervised and frequently checked by instructors Unserviceable equipment is dealt with accordingly.
Incorrectly fitted equipment	Death, serious to minor injury	All	L	H	Instructor training and observation

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Tangled belay lines in trees	Unable to belay properly to prevent falls Death serious to minor injury	Individuals	L	M/H	Frequent site observations Removal of overhanging branches
Insect bites	Stings, allergic reactions, anaphylactic shock	Individual	L	L/M/H	Have any personal medication available
Bird droppings	Illness, disease, (potential bird flu)	Individual	L	M	Keep equipment clean Wash hands after activities
Injury From Falling Crates	Serious to minor injury	All	H	L	Instructors to give clear safety brief and make sure participants are being vigilant at all times Instructor to control the knocking of the tower wherever possible and make sure participants are clear of the area.