

These risk assessments are for guidance only.

Risk assessments are regularly updated. If you require accurate updated risk assessments for our centre please contact us by email contact@adventure-centre.co.uk or phone us on 01624 814240

Risk Assessment for Crate Stack Challenge activity – Venture Centre

Hazard	Severity	Who may be harmed	Current control measures	Likelihood	Current risk factor	Further action required
Falling	H	Participants	Use of safety rope – instructor to belay/lower or closely supervise belaying by groups and tie off the safety rope before moving away from the belay. Decision to let groups belay to be taken by a senior instructor or Manager. Chest harnesses to be used with larger customers.	1	H1	None
Persons being hit by falling crates	M	Participants and spectators	Good instructor / group awareness. All persons to wear helmets at all times in area of constructed tower. Leaders to follow procedures as in operational procedures.	2	M2	
Persons being hit by falling crates	H	Non participants	Non participants should not step onto the rubber matting and stay well clear of the area.	2	H	
Failure of belay point	H	Participants	Steel belay cable to be secured in accordance with manufacturers instructions i.e. minimum 4 clamps at each.	1	H1	
Cable failure	H	Participant	<ul style="list-style-type: none"> • Replace cable every 4 years or sooner if damage is suspected. • Shear reduction blocks introduced March 2009 – inspection regime to include these on an annual basis. 	1	H1	
Falling over crates on floor	M	Participants	Instructors to follow operational procedures i.e. keep area to base of tower clear of dead crates.	2	M2	
Rope failure	M	All staff & participants	Ropes to be Type A static ropes as specified on Petzl Rig PPE sheet; ropes should be frequently washed and inspected for damage	2	M2	
Extreme Weather – e.g. - Thunder, lightning, snow, gales, heavy rain and falling branches	M	All participants and staff	Instructor to be aware of prevailing weather conditions and to check site for hanging tree snags or broken branches after storms etc.	2	M2	

Health and fitness	L	Participants	<ul style="list-style-type: none"> • Instructor to be aware of any medical issues before the session. • Medication required during the session taken on session (e.g. asthma inhalers, epipen etc) • Clients not under the influence of drugs or alcohol • No Recent injuries such as neck, back or shoulder that could be aggravated. 	1	L1	
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