

Crate Stacking

RISK	PERSONS AT RISK			Risk Before Mitigation			CONTROLS TAKEN TO MINIMISE RISKS	Likelihood	Severity	Score	Residual RISK
	Young persons	Spectators	Staff/leaders	Likelihood	Severity	Risk					
Falling Objects (crates)	P		P	2	2	4	Regular checks of apparatus loose objects removed from persons. Safety helmets worn at all times within the area. Crate passing to be closely supervised. "DROF ZONE" in place to secure area where crates will crash during activity.	1	3	3	Medium
Tree safety (if using a tree as the anchor structure) / failure of tree	P	P	P	2	3	6	Only trees approved by the LTA for this activity will be used for this purpose. Trees and anchors checked at least annually for safety and appropriateness.	1	3	3	Medium
Falls	P		P	3	2	6	Belay/harnesses in use at all times and clear instructions given. Approved, trained instructors in charge.	1	3	3	Medium
Lack of concentration from belayer / belayer error	P		P	2	3	6	Clear briefing, supervision from staff, belayers always "backed up"	1	3	3	Medium
Loose pieces of equipment / holds	P			1	2	2	Regular checks of apparatus. Any faults to be reported to instructor and site warden / person in charge to be fixed. Holds checked regularly for loose and tightened when required.	1	2	2	Low
Burns (ropes)	P		P	2	2	4	Consideration to be given to wearing gloves when using none auto belay system	1	2	2	Low
Trips and slips	P	P	P	2	2	4	Regular cleaning schedules kibbigs to be left clear of climbing area. Vicinity checks prior to use	1	2	2	Low
Failure of equipment	P		P	1	3	3	Maintenance procedures in place. Equipment maintained and records kept of checks. Suspected / failed equipment to be placed in designated quarantine bin for checking. Annual checks by external contractor - repairs undertaken if issues identified.	1	3	3	Medium
Lack of competence, bravado, inexperience	P		P	2	2	4	Training given, full supervision, written procedures	1	2	2	Low
Bystander / spectator interruption	P	P	P	2	2	4	Spectators not to leave designated area, clear briefing given.	1	2	2	Low
Incorrect ratios	P		P	2	2	4	Clear ratio rules in place, checked at time of booking and upon arrival. Session will not run if ratios are over.	1	2	2	Low
Misuse	P	P		2	3	6	Area cordoned off no unauthorised use allowed by any person when not in use. Ropes removed and tracers placed. Checked as part of regular security checks when not in use.	1	3	3	Medium
Averse weather conditions	P		P	2	2	4	high winds, frosts and other weather conditions assessed prior to start - will not be run if not safe	1	2	2	Low
Slippery / frozen equipment	P		P	2	2	4	Course checked before use - see above on weather.	1	2	2	Low
Collisions	P		P	2	2	4	Areas of risk pointed out prior to commencement. Instructors oversee activity	1	2	2	Low
Inexperienced staff / volunteer and staff / volunteer error	P		P	1	2	2	All staff trained and qualifications checked on regular basis	1	2	2	Low
Muscle strains	P		P	2	2	4	Warm up exercises recommended at start of each session.	1	2	2	Low
Banging head on equipment	P		P	2	3	6	Helmet to be worn at all times.	1	2	2	Low
Lack of confidence / freezing on equipment	P		P	3	2	6	Clear instruction given, rescue procedures in place	1	2	2	Low
Ill fitting equipment	P			2	2	4	All equipment checked by instructor for correct fit and use	1	2	2	Low
Clothing/Jewellery	P			2	2	4	Tuck loose clothing away and remove jewellery especially rings before start	1	2	2	Low

Last Reviewed	10.4.2021
This Review Date	12.2.2022
Reviewed DG	
Reviewed AM	
Reviewed GP	Y
Reviewed LTA	

3x3 RISK MATRIX

