



## Crate Climb- Risk Analysis and Management

Risk Analysis		Management				
Hazard	Risk severity (Initial)	Control (Eliminate/ Minimise)	Action	Risk severity (residual)	SOP	Accepted
People: Falling from height	15	M	CYC instructed Follow best practice for yoyo belay, Instructor to check gear before climbing. Pay close attention to central belayers attention and rope tightness to prevent fall of climber. Put mats out 2m from crate stack.	5	CYC INSTRUCTED ACTIVITY 1 CYC instructor across both Crate Climb Towers 1:6 Supervisor to Participants per Crate Climb Tower 2 Supervisors total across both Crate Climb Towers 12 Participants total across both Crate Climb Towers Supervisors are the centre belayer Supervisors must be over 16 years old Supervisors are not allowed to be distracted; This means no use of phones or cameras while belaying Belayers and supervisors to follow instructions from instructor	Yes
People: Pre-existing condition	15	E	Those with pre-existing conditions should not attempt this activity.	5	Expectant mothers or those with injured backs should not climb.	Yes
People: Poor supervision	12	E	CYC instructed	4	CYC Instructed Activity	Yes
Equipment: catching hair/ clothing	12	M	No loose-fitted clothing, long hair tied back, and loose jewellery not to be worn	4	No loose fitted clothing or jewellery to be worn while climbing. Long hair is to be tied back as this could get stuck in climbing Equipment.	Yes
Equipment: Damage to equipment	12	M	CYC Staff to check prior to putting out gear	4	All damage and injuries must be reported to CYC Staff as soon as practicable	Yes
Equipment/People: Top anchor pully System	12	E	Instruct and remain observing participants through climb on keep hands below their heads to prevent fingers etc getting jammed in top anchor pully system	3	All Participants must always keep arms below heads when climbing	Yes

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Environment: Natural Hazards	10	M	Follow site emergency procedures for Natural Disasters/emergencies Make sure that all participants are well hydrated, use fans to prevent over heating during the summer	5	Take regular breaks for water when necessary	Yes
People: Misuse of equipment	10	E	Do not leave gear unattended Min/Max weight for gear and safety of participants is 20/100kg	5	Min/Max weight for climber is 20/100kg	Yes
People: Misuse of equipment	10	E	Do not leave gear unattended Min/Max weight for gear and safety of participants is 20/100kg	5	Min/Max weight for climber is 20/100kg	Yes
Equipment: Feet injuries	10	M	Wear covered footwear with good tread to prevent slipping on ground as belayers, crates hitting feet and injuring, or shoes slipping off while climbing crates	3	Covered shoes are to be worn, snug fitting sport shoes are ideal. No open toed shoes or bare feet (Crocs do not count)	Yes
Equipment: bouncing crates	9	M	Place crates correctly when stacking Safety barrier between stacks Observers to be 5m away Helmets to be worn at all time Crate Throwers to <b>not</b> catch falling crates	3	Crate Throwers should not attempt to catch falling crates Spectators stay behind the blue line (crates can bounce) Covered shoes are to be worn, snug fitting sport shoes are ideal. No open toed shoes or bare feet (Crocs do not count) Helmets must be worn by all participants. The Centre belayers can go without a helmet provided that they stay attached to their rope.	Yes
People: Impairment of Supervisor	6	E	CYC Staff to look out for signs of impairment Pay close attention to central belayers attention and rope tightness, as ropes stretch, to prevent fall of climber	3	Supervisors are the centre belayer Supervisors must be over 16 years old Supervisors are not allowed to be distracted; This means no use of phones or cameras while belaying' Belayers and supervisors to follow instructions from instructor	Yes

### Emergency procedures

Stop activity, assess situation, administer first aid, call emergency services if necessary, notify camp organisers and other camp staff, and fill out an incident form when practicable.

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<b>Equipment</b>	6 full body harnesses, 16 harnesses, 17 helmets, 2 ropes, 14 karabiners Activity SOPs
<b>Competencies for Activity Sign Off</b>	CYC Instructed 1 guest supervisor per Crate Climb running (1 crate climb to 1:1:6 or 2 crate climbs to 1:2:12) Max 12 participants
<b>Final decision on implementing activity</b>	<b>ACCEPTED by CYC Director</b>
<b>Comments</b>	Circumstances can change quickly, supervisors need to be diligent in their task, and respond as needed. CYC reserve the right to close this activity.

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