



Crate Stacking

What are the Hazards?	Who might be harmed?	What existing control measures are already in place?	What further action is required to manage the risk?	Risk Rating
Unauthorised access	All Un-authorized users	All entry points secured when activity is not supervised All climbing equipment removed overnight and stored securely	Regularly remind activity instructors on the importance of ensuring area is secure At changeover of groups area never to be left unsupervised or unsecured	Low
Slip, Trips and Falls	All users and instructors	>Instructors trained in basic first aid >Area regularly maintained to restrict undergrowth and remove trip hazards	Safety brief to include 'no running in the area' Teacher/Leader/Instructor from the participant group to be with the group at all times for crowd control and discipline.	Low
Scaffold Tower	Any one in activity area or surrounding areas	Activity area secure. Access to tower restricted to trained staff for setting up. Parts of tower that people may walk into painted yellow. Monthly check of tower for loose fittings, wood and metal decay on all accessible areas of the tower	Scaffold tower checked annually by external competent organisations for structural faults. Instructors to conduct visual 'common sense' surveys before during and after accessing tower and running sessions. Looking for obvious faults/maintenance issues. Regular documented checks by internal competent personnel.	Medium
Ladders	Instructors setting up	No participants are to access the tower for climbing sessions Signage on correct use of ladders displayed prominently at base of the tower.		Low

Equipment Failure	Anyone climbing, belaying or anyone in activity area	Visual check prior to use by session instructor(s) Periodical checks by responsible crew and documentation kept	Equipment retired and disposed of at the end of its manufacturer stated life or when wear and tear makes it unsafe, as per manufacturer guidelines Log kept all equipment in use and in reserve, identified by serial number	Medium
Participant Lack of Knowledge	Climbers and Belayers	Safety Talk carried out by instructor before starting and practical elements.	Lead instructor to take ultimate responsibility for safety during the session. Instructor to determine competency of the group at the start of the session. Instructor to explicitly highlight safe areas and danger areas, as well as, when and where safety equipment (helmets) must be worn. No Person to climb until their equipment has been checked and they are tied into the safety rope.	Medium
Falls from height	Climbers	All participants must wear helmets and harnesses which are properly fitted and checked by an instructor. Participants tied into appropriate rope and belay system Anchor points checked annually by external competent company Belay system and anchor points set up Lead instructor to hold Single Pitch Top Rope Climbing Supervisory Permit issued by the Scout Association, equivalent Guide qualification or NGB qualification.	Instructor to visually check rope and belay system each climb.	Medium
Foul Weather -	Anyone in activity area or near tower	Check weather conditions ahead of sessions Visual check of activity area in conditions such as snow or wind to	Management and Session instructor to make the call as to whether or not a session runs. Instructors have authority to suspend sessions.	Low

		determine whether or not to proceed		
Incorrect use of equipment – Including PPE and belay devices	All climbing, belaying or in contact with rope, as well as anyone close to those people.	Anyone belaying must be appropriately trained and supervised by a competent person qualified to do so. All climbers have their PPE and knots checked by the instructor before climbing. Anyone belaying must be trained in how to do so safely and qualified or supervised in how to do so.	Activity leader to provide appropriate supervision for the group.	Medium
Crates Falling	Anyone inside activity area	'Safe area' on gravel with control limited to small numbers. Participant waiting area behind instructors and away from the crates	Participants warned about the dangers of crates If and when possible participants are instructed to move out of the way of falling crates.	Low
Possibility of participants landing on crates when toppling over	Adults and "larger" children	Gravel area specifically designed for crates to fall away from participants fall zone	Instructors aware to be extra vigilant when larger participants look like falling when stack of crates is not high.	Low
Impact with ground caused by rope stretch	Participants above the ground	Ropes regularly inspected for damage Ropes appropriate for use	All instructors on session competent to belay safely Ropes to be regularly inspected to ensure any falls are controlled and ground is only hit at a safe speed	Low