



Hazard	Risk Element	Risk Severity	Possible Risks	Action recommended	Review / Comments
Cuts	Low	Low	Cut from rough edge or broken crate	Crates inspected periodically and during use. Remove broken or faulty crates and set aside for warden or activity owners attention.	No cuts experienced reduced from high to Low risk.
Slipping/ Tripping	Medium	Low	Tripping on Tower Guys.  Contact with low level scaffold poles of tower structure	Area inspected prior to session. Participants made aware of Tower guy lines and scaffold structure within the area.	
Low level Impact with ground or crates	High	Medium	While wearing a correctly fitted Full Body harness there is risk when falling from a stack lower than six crates high that contact with crates or the ground can be made.	Competent belayers should keep the climber on a tight line up to six crates high, with the support team stacking the crates to this level. All instructors to hold a Scout Climbing permit or Girl Guide Level 1 qualification.	
Unauthorised access	Medium	High	Unsupported building of a crate tower.	Crates to be kept within locked tower compound, safety equipment kept in dark storage away from activity. Individuals found entering the area to be removed from area/site subject to site rules.	
Equipment Failure	Low	High	Failure of Climbing safety equipment. (i.e. Harness, Rope or Belay device.)	Administer appropriate first aid. Failed items must be removed from service and reported to Activity owner. All equipment has periodic checks is recorded in a log.	
Structure Failure	Low	Severe	Failure of the Tower, Telegraph pole, Cable or Guys	Activity must be shut down immediately. Appropriate first aid administered. Then reported immediately to the site warden or activity owner	

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Impact from falling objects	Medium	Medium	Falling objects from pockets Falling Shoes Falling Crates Impact to head	Participants advised to empty pockets. Participants advised to tie shoe laces before starting. Participants to be constantly reminded about the fall zones and must be included in safety briefing. All participants and instructors to wear helmets.	
Falling Climber or Stack	High Medium Medium	Medium Medium Medium	Unexpected fall Planned dismount Unexpected Toppling stack	Climber to be assessed then lowered to a clear area, removed from belay and first aid administered, if required. Should be controlled under the guidance of the Instructor If possible a warning should be made. Assess the fall and administer first aid to any supporter if required.	
Climber hit by crate	Low	Low	Hit or knocked by crate being passed to them.	Crates to be passed not thrown. Controlled use of crate hoist when stack becomes out of reach.	
Weather Conditions	Low Medium	High Medium	Outbreak of Thunderstorm or Lightning Windy conditions	Remove all participants from the structure and enclosure immediately. Instructors should give additional instruction to offset the impact of the wind. Consideration to abort Crate Stacking should be made in windy conditions.	Consideration to the current and forecast weather conditions should be made before and during the activity.



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Horseplay	Low	Low	Inappropriate behaviour of waiting members of the group.	The group's leader in charge is responsible for the general behaviour of the group and this should be outlined in the activity briefing. If Instructor needs to intervene then ensure the safety of any climber before doing so.	If Instructor intervention is required then it is suggested that the activity is suspended.
	Medium	Medium	Inappropriate behaviour of Climber i.e. holding the Rope, Cable or hoist line	Firm instruction and guidance must be given to ensure that the climber does not introduce additional risks by holding on.	Suggested Activity suspension for all if climber does not comply. Involve group leader and piers if required.
Hypo/Hyperthermia and Exposure	Low	Medium	Instructors and participants become subject to extremes of heat, cold or exposure	Instructors and group leaders to ensure that all participants are wearing suitable clothing for the conditions and adapt to any change in them. Instructors must stay suitably hydrated and take breaks or rotate roles to stay alert.	

**Review History**

Review Date	Completed by	Recommendation
7/1/2012	Stuart Whitmore	
31-7-2013	Stuart Whitmore	Major adjustment to risks and actions. Introduction of the risk severity column