



Crate Stack – Risk Assessment

The risk assessment ratings for each identified hazard, the score for the likelihood of its happening is multiplied by the score of the severity of the injury.

(For example, likelihood 2 multiplied by Severity 5 = 10 medium).

The Risk assessment is to identify hazards, value the risk and the potential harm and whom to. Have an action plan to prevent the risk and a final risk value.

Hazard	Who	Existing Risk Value	Action to prevent	New Risk Value
Slips, Trips & Falls (Ground height)	Participants Instructors Leaders	5*5=25 High	Helmets to be worn always inside the compound. Be made aware of any steps or objects on the ground. Shoe laces to be tied up. Appropriate Footwear to be worn inside compound. Clear Briefing/Instructions, full understanding. No running in the compound.	3*2=6 Low
Slips, Trips & Falls	Participants Instructors Leaders Spectators	5*5=25 High	Helmets to be worn always inside the compound. Be made aware of any steps. Shoe laces to be tied up. Appropriate Footwear to be worn inside compound. Clear Briefing/Instructions, full understanding. No running in the compound. Participants leave the ground attached to safety devices/Auto belays/Top rope systems. Under supervision of qualified/trained personnel only. 1-2 person to be near stack at a time, keeping area clear as possible. 6ft Fenced area for compound. Semi static rope to be used.	2*5=10 Med
Failure of equipment	Participants Instructors Leaders	5*5=25 High	Equipment is tested and inspected at manufacturing and Purchase. A 6-monthly inspection by qualified inspectors/staff A 3-monthly inspection by qualified/trained staff. A weekly inspection is done by qualified/trained staff. Before/During use inspection done by instructor.	1*5=5 Low
Failure of structure	Participants Instructors Leaders Spectators	5*5=25 High	Structure inspection by external accessors (non-tree elements). Arborists report on tree elements. 3 Monthly inspection on structure (non-tree elements). Weekly visual inspection from ground level by qualified/trained staff. Before/During use inspection done by instructor. 6ft Fenced area for compound.	1*5=5 Low
Entanglement	Participants	5*5=25 High	Ensure all Long hair is tied up/back as appropriate. Non-loose clothing to be worn. Helmets to be worn always inside the compound. Clear Briefing/Instructions, full understanding. Crates holes do not put hands or fingers in them.	2*4=8 Med

Falling objects	Participants Instructors Leaders Spectators	5*5=25 High	Helmets to be worn always inside the compound. Clear Briefing/Instructions, full understanding. 6ft Fenced area for compound. 1-2 person to be near stack at a time, keeping area clear as possible. All participants and spectators to keep an watchful eye on the stacks at all times. Arborists report on trees.	5*2=10 Med
Behavioural Problems	Participants Instructors Leaders	5*5=25 High	Clear Briefing/Instructions, full understanding. Yellow/red card system. Ratio's 12:1 maximum. Group leader must be present to control group behaviour. Site behavioural policy.	2*5=10 Med
Wildlife	Participants Instructors Leaders	5*5=25 High	No food permitted in the compound. Compound checked before/during use. Allergies (controlled by group leader) Pest control where appropriate.	4*1=4 Low
Weather	Participants Leaders Instructors	5*5=25 High	Activity not to be used in lightning weather. Activity not to be used in wind factor 5 or above. No running in the compound. Clear Briefing/Instructions, full understanding. Appropriate lighting when required.	1*5=5 Low
Environment	Participants Leaders Instructors	5*5=25 High	Being aware of surroundings. Floor covering to be made safe by clearing the activity and removing objects that may cause any hazards. Activity is built on a slop to maintain good drainage.	1*1=1 Low
Covid-19 Instructor Contact	Participants Leaders Instructors	5x5=25 High	2m distance maintained for equipment fitting where possible. Where not possible, full medical face shield or masks provided. Instructor Belay to remove contact with Peer Belay system Clip and Climb system allows participants to swap top rope system without the need for an Instructor. Closely Supervised. Customer returns safety equipment straight to quarantine area If tying in then use of appropriate PPE is required	5*2 = 10 Med
Covid-19 Equipment Contamination	Participants Leaders Instructors	5x5=25 High	Participants remove equipment and take straight to quarantine area Equipment quarantined for 72 hours (Petzl Guidance) Ropes to be derigged with use of appropriate PPE	5*2=10 Med
Covid-19 Structural Contamination	Participants Leaders Instructors	5x5=25 High	Clean the climber not the wall to be put in place, no cleaning required between use.	5*2=10 Med
Covid-19 General Contact/Arrival	Participants Leaders Instructors	5x5=25 High	Hand Sanitiser and masks made available to participants and staff before and after activity 2m social distancing maintained Participant group size to be reduced to run under the Rule of 6	5*2=10 Med

This risk assessment is written in accordance with the operating process and procedures.

Written by: Stuart Whyte – Acting Operations Manager

Reviewed by: Stuart Whyte

Position: Acting Operations Manager

Date: 28/01/2021

Qualifications: ERCA Qualified Traditional Instructor

BTEC Health & Safety Level 2

Likelihood of Occurrence	Severity of Harm
0 = Never	0 = No Harm
1 = Unlikely	1 = Bumps & Bruises
2 = Possible	2 = Small Cuts & Lacerations
3 = A chance	3 = Broken/Fracture of Bones
4 = Likely	4 = Loss of limb
5 = Certain	5 = Fatality

		Severity				
		*	1	2	3	4
Likelihood	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25

Levels of Acceptance	
1-6 Low	= Acceptable
7-10 Medium	= Monitor
11-12 medium	= Re-evaluate
13-25 High	= Not acceptable