



## Crate Stack – Risk Assessment

The document shows 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).

This Risk assessment identifies the risk control methods that have been put into place to reduce either the Severity or Likelihood of an accident.

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.	2*4=8  Med
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. Back up knots on belay systems where appropriate	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 bi-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 assessors (non-tree elements). Arborists report on tree elements annually. 3 Monthly inspection on structure (non-tree elements) by trained staff. Bi-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.	2*4=8  Med

			Clear Briefing/Instructions, full understanding. Crates holes do not put hands or fingers in them.	
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 a watchful eye on the stacks at all times. Arborists report on trees <b>annually</b>	3*4=12  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.	1*5=5  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 Instructors aware of/trained to deal with inclement weather	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 slope to maintain good drainage.	1*5=5  Low
Covid-19 Instructor Contact (Positive)	Participants Leaders Instructors	5x5=25  High	1m distance if instructed Where not possible, face masks to be worn	5*2 = 10  Med
Covid-19 General Contact/Arrival			Removed	

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

Written by: Stuart Whyte

Reviewed by: Stuart Whyte

Position: Deputy Centre Manager / Programmes Manager

Date: 01/2025

Qualifications: ERCA Qualified Traditional Instructor / Site Rescue

RoSPA Operational Inspector

BTEC Health & Safety Level 2

Risk Assessment CPD

		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

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

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