



Jacobs Ladder – 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 Spectators	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/Top rope systems. Under supervision of qualified/trained personnel only. Keeping activity area clear when in use. 6ft Fenced area for compound. 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/Purchase. A 6-monthly inspection by qualified inspectors. 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	Annually structure inspection by external accessors or qualified persons. 3 Monthly inspection on structure by qualified 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. Clear Briefing/Instructions, full understanding. (not to put any body parts though elements.)	2*5=10 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. Keeping activity area clear. Arborists report on trees in the surrounding areas.	2*4=8 Med
Behavioural Problems	Participants Instructors	5*5=25	Clear Briefing/Instructions, full understanding. Yellow/red card system.	2*5=10

	Leaders	High	Ratio's 12:1 maximum. Group leader must be present to control group behaviour. Site behavioural policy.	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 strong winds. 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 raking 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	5*5=25 High	1m distance if instructed Where not possible, face masks to be worn	5*2=10 Med
Covid-19 General Contact/Arrival	Participants Leaders Instructors	5*5=25 High	Removed	

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

Written by: Stuart Whythe

Reviewed by: Stuart Whythe

Position: Deputy Centre Manager / Programmes Manager

Date: 1/2024

Qualifications: ERCA Qualified Traditional High Ropes Instructor

ERCA Qualified site specific Rescue

RoSPA Operational Inspector

Health and safety Level 2

Written risk assessments CPD

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