



## Adventure Course – 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	Be made aware of any steps or objects on the ground. Shoe laces to be tied up. Appropriate Footwear to be worn on the activity. Clear Briefing/Instructions, full understanding.	3*2=6 Low
Slips, Trips & Falls	Participants Instructors Leaders Spectators	5*5=25 High	Be made aware of any steps. Shoe laces to be tied up. Appropriate Footwear to be worn inside compound. Clear Briefing/Instructions, full understanding. Participants leave the ground under supervision of instructor/leader where appropriate. Fenced area for compound.	2*5=10 Med
Failure of equipment	Participants Instructors Leaders	5*5=25 High	A weekly inspection is done by qualified/trained staff. Before use inspection done by instructor.	1*5=5 Low
Failure of structure	Participants Instructors Leaders Spectators	5*5=25 High	Arborists report on tree elements. Weekly visual inspection from ground level by qualified/trained staff. Before use inspection done by instructor. Fenced area for activity.	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. Clear Briefing/Instructions, full understanding. Participants to understand how to use elements correctly.	3*3=9 Med
Drowning	Participants	5*5=25	Water jump is shallow and emptied regularly of hazards. Participants must be supervised by Instructor/Leader on this element.	1*5=5 Low
Falling objects	Participants Instructors Leaders Spectators	5*5=25 High	Clear Briefing/Instructions, full understanding. Fenced area for activity. Arborists report on tree elements. Weekly visual inspection from ground level by qualified/trained staff.	1*5=5 Low
Behavioural Problems	Participants Instructors Leaders	5*5=25 High	Clear Briefing/Instructions, full understanding. Yellow/red card warning system. (or similar) Ratio's 24:1 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 strong winds. Clear Briefing/Instructions, full understanding. Instructor/Leader must consider if the course is too slippery to use. It is the instructor/leader's discretion to advise to stop activity or not.	1*5=5  Low
Environment	Participants Leaders Instructors	5*5=25  High	Floor covering to be safe as appropriate. Cleared of any hazards, including sharp objects and any metal objects. Swing rope element to be supervised. Cargo net element to be supervised.	3*1=3  Low

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

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Reviewed by: Rob Williams

Position: Operations Manager

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Qualification: BTEC Health & Safety Level 2

Note:

Swing rope element likely to have minor injury dependant on participant's ability.

Cargo net element likely to occur injury if incorrect usage.

It is the instructor/leader's responsibility to assess each participant ability and appropriateness of elements for each group.

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