

High Adventure Tyrolean Risk Assessment

Last Review of this risk assessment: 28/06/2022

Minimum Leader qualification:		In house training or an appropriate level of experience.			
Max group size with Leader:		15			
All Instructors should be making dynamic risk assessments on the day taking into account the weather conditions, the group's ability & any other factors that may change.					
Essential equipment					
Personal: Helmet, warm clothes, harness and buoyancy aid (if over water)					
Group: Helmets, appropriate clothing, Tyrolean building equipment, Tyrolean instructions, buoyancy aids (if over water), Harnesses (venue dependent), Cowstails (venue dependent).					
Instructor; onsite: phone, first aid kit, knife Offsite: phone, first aid kit, group shelter, torch, hot drink (colder weather), extra water (hotter days), emergency food, whistle, knife, spare emergency clothing for group (cannot supply for full group, must have a some basics, EG: hats, gloves, etc..)					
Activity/ Process/ Operation	What are the Hazards to Health and Safety	What Risks do they pose and to whom?	Risk Level	What precautions have been taken to reduce the risk?	Risk Level Achieved
			H/M/L		H/M/L
Setting up	Misuse of equipment.	Participants	M	Instruction manual to show how any equipment should be used.	L
				Instructor to observe throughout to ensure everything is used correctly.	
	Equipment failure	All staff and participants	M	Staff training in the correct way to use the equipment.	L
				Instructor checking all equipment is being used correctly throughout the activity.	
				Detailed group briefing.	
				All equipment regularly inspected according to policies.	
				Staff trained in inspections and procedures.	
	Slips trips and falls	All staff and participants	L	Group briefing on the venue and environment.	L

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During Activity	Falling from the Tyrolean.	Participants	H	Helmets to be worn throughout the activity.	M	
				Helmets must be worn by anyone on the Tyrolean.		
				Each person on the Tyrolean must have two spotters throughout being on it, unless using cowstails.		
				Appropriate briefing and demonstration.		
	Strangulation	All staff and participants	M	Appropriate group briefing.	L	
			Constant observation of the whole group.			
Rope burn and grazes from the rope.	Participants	M	Appropriate group briefing, making them aware of it when they are getting on the tyrolean.	L		
			Briefing of spotters so they can manage it.			
Drowning.	All staff and participants	M	Instructor to have appropriate training and dynamically risk assess the venue to know if it is safe to use.	L		
			Buoyancy aids must be worn if the venue requires it.			
De Rigging	Deconstructing the Tyrolean	All staff	H	Appropriate staff training.	M	
				Only trained staff are to release the tension from the tyrolean.		

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			All participants are to be kept well back from the Tyrolean while the tension is being released.	
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