

Ice Pic Journeys Activity Overview Risk Assessment								
Primary Vendor:	Ice Journey ehf. (Ice Pic	Kt: 530219-1190						
Risk	Description of risk	What risk can lead to	Action to reduce risk	Severity	Possibility	Risk number		* Serious injury = Life-threatening or very serious and permanent injury.
Risk assessment in car and around car								** Minor injury = Sprain, bruises, swelling and mikro cuts.
Driving	Cras/drive of road/flip car	Serious injury*	Use seat belts, extended drivers license, be rested, maintain tires and car.	3	1	3		Severity
Driving	brake down/flat tire	Delay	Good maintenance for tire and cars.	1	1	1		1 - Small Discomfort or minor injuries, scratches or scuffs Record what action is taken, who
Walk in and out of car	Fall going out of car	Fracture bone, minor injury**	Maintenance, reminder, assistance.	2	1	2		2 - Medium Recurrent injuries, need for medical attention is the developer, what is done,
Risk assessment before walk on glacier								3 - High Danger to life and serious and permanent injuries when and by whom.
Walk from car	Fall on walking path, stigið í vatn eða drullu	Fracture bone, hypothermia, minor injury**	Maintain path to glacier, reminder, route selection, guides training.	2	1	2		Possibility
Crampon and safety speech	Fall on even ground, lose balance	Fracture bone, hypothermia, minor injury**	Position, assistance, appearance, guides training.	1	1	1		1- Small Low probability of an incident, rarely happens
Risk assessment when walk to and on glacier								2 - Medium Can happen but not often

Walk to the glacier	Step in water or mud	Hypothermia	Route selection, give information, guides training	1	2	2	3 - High High probability of an incident, happens often
Walk on the glacier	Fall on glacier	Fracture bone, minor injury**	Route selection, use lights, guides training.	2	1	2	Risk value
Walk on the glacier	Fracture bone	Lose balance, minor injury**	Maintain equipment, guides training	1	2	2	Risk value 1-2 Risk acceptable - no need for action
Walk on the glacier	Fall in a crevasse/moulin	Serious injury* hypothermia.	Route selection, guides training, size of groups, safety speech.	3	1	3	Risk value 3-4 View risks
Walk on glacier	Fall on ice or crampon	Scratch, minor injury**, Serious injury*	Instructions how to use equipment, guides training.	3	1	3	Risk value 5-9 Unacceptable - improvement needed
Walk on glacier	Left behind or get lost from group	Hypothermia	Guides training.	2	1	2	It is important to evaluate the likelihood and the seriousness of an accident to get the risk number. That is done by picking numbers from 1-3 (To get
Children on glacier	Limited focus by children, unpredictable decision	Serious injury*	Guides training, right safety equipment, proper instruction to children.	3	1	3	more information you pick the sheet (Viðmið) then you will get the risk number. 3 means that there is a risk involved and it needs a special action to

Elderly and guest in bad shape	Strain, limited ability to move	Strain, minor injury**	Guides training, route selection, phase setting, limit participant access to the activity.	1	2	2		reduce the probable ability. 1 and 2 means that the risk and the likelihood of risk is very low and basic training and common sense should low
Risk assessment Ice climbing								probability of accident.
Climbing	Fall of edge	Serious injury* minor injury**	Guides training, climbing instruction, reminder, group control.	3	1	3		
Climbing	Injury due to equipment, ice axe or crampon	Cuts, minor injury**	Guides training, climbing instruction, reminder.	2	1	2		
Climbing	Climber falls in the line or to ground	Serious injury* minor injury**	Guides training, climbing instruction, reminder.	3	1	3		
Climbing	Ice falling down	Minor injury**	Clean ice of edge, use helmets.	1	1	1		
Climbing	Other guest walking with no supervision when climber climbing	Minor injury**	Monitor other guests, group control	1	1	1		
Risk assessment walk in ice cave and from ice cave.								
Walk in and out of ice cave	Guest enter/leave the ice cave in a wrong place.	Serious injury* hypothermia, minor injury**	Group control, reminder, guides training.	3	1	3		
Walk in and out of ice cave	Go under unstable ice	Serious injury* minor injury**	Guides training, do not enter, brake unstable ice, use proper safety equipment.	3	1	3		
Risk assessment when ice cave is explored								
Exploring the ice cave	Leave group, go under unstable ice.	Serious injury* hypothermia, minor injury**	Group control, give good instructions, reminder, guides training, proper safety equipment.	3	1	3		
Exploring the ice cave	Dangure in ice cave, fall in water, unstable ice.	Serious injury* hypothermia, minor injury**	Group control, give good instructions, reminder, guides training, proper safety equipment.	3	1	3		
Exploring the ice cave	Cave closes, due to collaps	Fear, hypothermia	Radio, group control, reaction under stress, guides training.	3	1	3		
Risk assessment when walking in mountains								

Walk in mountain	Fall in mountain	Serious injury* Minor injury **	Guide training, reminder, group control, rout selection.	3	1	3		
Crossing rivers	Fall in water	Hypothermia, minor injury**	Guide training, group control, reminder, spotting, use bridge	2	1	2		
Walk in the mountain	Left behind or get lost from group	Hypothermia	Guide training, group control.	2	1	2		
Children in mountain	Limited focus by children, unpredictable decision	Serious injury* Minor injury **	Guide training, proper safety equipment, proper instruction to children.	3	1	3		
Elderly and guest in bad shape	Strain, limited ability to move	Strain, minor injury**	Guide training, rout selection, phase setting, group control. Limit participant access to the activity.	1	2	2		
Risk assessment when Glacier Ziplining (Tyrolean Traverse)								
Tyrolean Traverse Anchor / line fails	Fall in Moulin	Serious injury*	Guide training, two redundant anchor systems and 2 independent ropes. Either V threads or Ice Screws are used as anchor points	3	1	3		
Tyrolean Traverse Pulleys hit clients face during walk off	Hit face during walk off	Cut or gash / minor injury	Steps are chopped into ice to allow client to start with pulley at or above eye line to avoid client dropping from above to below pulleys.	2	1	2		
Tyrolean Traverse- Falls while being unattached	Client falls off edge of moulin	Serious injury*	Depending on ice condition, client is walked by guide and attached within 2 meters from edge. Guide is attached to rope in initial phase.	3	1	3		