

RISK ASSESSMENT

SERIOUSNESS OF RISK		LIKELIHOOD OF RISK			
1. Danger to life, serious accidents, significant damage to property or equipment. Operation seriously interrupted.		1. High probability of incident occurring.			
2. Effect of injuries felt for 3 Days or more, damage to property and equipment. Operation significantly interrupted.		2. Significant probability of occurring, or often occurring, incident.			
3. Minor injuries, insignificant damage to property or equipment. Little or no interruption to operation.		3. Low probability of incident occurring or incident seldom occurs.			
Hazards	Risks Involved	Seriousness of Risk	Likelihood of Risk	Actions Performed/Reference	Risk After Action
*GUIDE PREREQUISITES					
Guide is inadequately trained to conduct dive/snorkel tours	Injury; death	1	3	Employee Handbook, pg. 4	3
- Guide is assigned more clients than allowed ratio	Loss of client accountability; injury; death	2	3	How to Conduct a Tour: Diving, pg. 11	3
- Insufficient risk assessment	Injury; death	2	3	How to Conduct a Tour: Diving, pg. 13	3
* GENERAL TOUR PREREQUISITES					
- Equipment failure	Injury; drowning; death	1	2	How to Conduct a Tour: Diving, pg. 9	2
- Deteriorating weather	Vehicle collision; injury; hypothermia; frostbite	2	2	How to Conduct a Tour: Diving, pg. 11	3
- Client illness or injury	Worsening of illness/injury	2	2	Safety Plan, pg. 9	2
*TOUR PREPARATION: DIVE CENTRE					
- Ladders	Risk of fall	2	3	Keep commonly used items at floor level	3
*DRIVING					
- Other drivers	Accidents	1	3	Use defensive driving techniques	3
- Road laws	Illegal roundabout use; high speed collision; death	2	3	Guides are educated on Icelandic road regulations	3
- Trailers	Collision; injury	1	2	Guides are trained to drive with a trailer	2
- Sheep	Injury	2	3	Anticipate sheep behaviour	3
*TOUR PREPARATION: SILFRA					
- Neck/wrist seals	Carotid sinus reflex, reduction of circulation, loss of consciousness, hypothermia, frost bite	2	2	How to Conduct a Tour: Diving, pg. 13	3
- Drysuit zippers	Hypothermia, frostbite	1	2	Guides inspect all zippers are closed correctly	3

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* TOUR: GENERAL					
- Walk to platform	Falls; mild to severe injury	2	2	Guide advises of walk to platform; staff assigning suits ensures client is properly fitted	3
- Panic upon entry into water	Overexertion, drowning, injury to self or others, slips, falls	2	2	Guide monitors comfort and demeanour of of each client	2
- Client is insufficiently prepared for the weather	Frostbite; hypothermia	2	2	Operation advises on suitable attire for tour; Office Handbook, pg. 6	3
- Exit slope	Slips; falls	3	1	Guide briefs clients on safe exit method	3
- Entry ladder	Slips; falls	1	3	Guide controls entry into water; briefs clients on safe entry method	3
- Current	Lost diver; hypothermia	2	3	Guides indicate locations of greater current; guides monitor client location	3
- Low visibility	Lost diver; Uncontrolled ascent	1	2	Guide aborts dive if visibility is too low	2

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