

Extreme Adventure Ltd 1.12 – Risk Assessment

Activity – Spider Mountain

What are the Hazards which cause:	Who/what may be harmed? (give specific of people e.g. staff, visitors, users or contractors)	What is done now? (i.e. provision of training, corporate and local standards, codes of safe working practice, supervision, monitoring systems)	What is the rate of Risk? (Rate risk as Low, Medium or High)	What action needs to be taken? (the needs to be considered in that the risks are identified and effectively controlled)	By when? (what is the target date for completion)
Fall from height through webbing rings	Participants	Descend one level at a time. Use webbing levels to halt rapid descent. Matting provided to break fall. A one way policy to run so participants are always climbing in the same direction	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Observe safe practice by listening to climbing and descending advice from Instructor	Ongoing
Descending onto other climbers	Participants	Participants are monitored by instructors. Good observation by other climbers whilst descending	Severity of Risk (S)- 1 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 3 LOW	Observe safe practice by listening to climbing and descending advice from Instructor. Footwear removed prior to climbing	Ongoing
Attempted exit through side/ top netting	Participants	Observe safe practice by listening to participation advice. Top netting and sides	Severity of Risk (S)- 1 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 1 LOW	Regular inspection of netting integrity and security straps	Ongoing
Minor bodily injury to other climbers	Participants	Consider safe route to ascend away from other climbers. Good observation by climbers at all times	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MEDIUM	Observe safe practice by listening to climbing and descending advice. Footwear removed prior to climbing.	Ongoing

Extreme Adventure Ltd Risk Assessment for Spider Mountain

Dated 03/11/2019

Document Issue 1.12

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Injury caused due to contact with metal ring assembly	Participants	Padding installed to protect inadvertent contact with metal framework	Severity of Risk (S)- 1 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 1 LOW	Ensure padding is secure and no metal framework exposed within climbing area	Ongoing
Head Injury from falling Objects	Participants	Empty pockets of loose objects e.g. coins, mobile phones etc	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= LOW	Participants to remove all loose items from pockets and store in boxes provided whilst on the course	Ongoing
Suspension injury from loose clothing, jewellery, spectacles or other loose items	Participants	Ensure loose clothing is secured and dangling jewellery/spectacles or other such items are removed to avoid potential hang-ups or injury when climbing through webbing	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Participants to remove all loose items from pockets and store in boxes provided whilst on the course	Ongoing
Injuries occurring during unsupervised use/ access	Participants	Restrict access when not in use	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Lower spider into horizontal position if not in use. Secure elevation switch	Ongoing

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Injuries caused by people wandering into the site	Participants/Instructors	Barriers are used to separate the public from the course. This means only participants that have been safety briefed and fitted with safety equipment	Severity of Risk (S)- 2 Likelihood of Risk (L)-1 Overall Risk (S x L)= 2 LOW	Signage and layout of the site makes it clear where people can or cannot go	Ongoing
Participants not suited the course i.e. to large or to small to deal with the elasticated webbing. This may result in a hazard to themselves or other climbers	Participants	Clear signage showing the allowable user minimum heights accompanied and unaccompanied are displayed. Signage also dictates the maximum weight of a user.	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MEDIUM	Clear signage and training staff in the clear procedures and policies of the company to maintain a safe operation	Ongoing
Spectators or Participants injured by inflatable being blown from tethers in high wind	Participants/Staff/Spectators	Obstacles must not be used in winds that gust great than 24mph.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 6 MEDIUM	Each EA vehicle carries an anemometer and it is Event Managers responsibility to check and record wind gusts every hour if there is concern	Ongoing

What are the Hazards which cause:	Who/what may be harmed? (give specific of people e.g. staff, visitors, users or contractors)	What is done now? (i.e. provision of training, corporate and local standards, codes of safe working practice, supervision, monitoring systems)	What is the rate of Risk? (Rate risk as Low, Medium or High)	What action needs to be taken? (the needs to be considered in that the risks are identified and effectively controlled)	By when? (what is the target date for completion)
Over enthusiastic participants	Participants	Management by Extreme Adventure Staff	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Observe safe practice at all times	Ongoing
Jumping Off top of Slide	Participants	There is a catch net at the top of slide to prevent Participants from jumping off the Slide	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Staff to be vigilant at all times	Ongoing
Larger participants colliding with smaller participants	Participants	Management by Extreme Adventure Staff. Avoid allowing large participants to be using the activity at the same time	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Staff to be vigilant at all times	Ongoing
Fall from height	Participants	The slide is designed with high sides to avoid accidental fall & the slide is securely tied to the Spider Mountain structure	Severity of Risk (S)- 5 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 5 MEDIUM	Checks are made to make sure there are no gaps or loose ropes	Ongoing

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Tripping over anchorage points / spare equipment / electrical cable	Participants	All anchor points must be secure and installed as per manufacturer's instructions. All cables must covered to avoid trips etc	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Daily checklist carried out	Ongoing
Participants being kicked whilst climbing through tower by other users	Participants	All footwear is removed by all Participants before entering the climbing tower	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Instructor trained	Ongoing
Participants being hit by another as they slide down	Participants	Strict control by staff to ensure only one person at a time slides down also monitoring the exit point of the slide to ensure it is clear	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MED	Constant vigilance by staff	Ongoing
Participants sliding off the end of the slide and onto the ground	Participants	The slide is designed to slow the rider down at the end of the slide, and as an extra precaution a safety mat is laid at the bottom also. Care should be taken in rainy conditions	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MED	Constant vigilance by staff	Ongoing

Calculation of Risk Evaluation

Severity (S)

Severity of Risk is judged by evaluating the effects of the hazard if the risk occurs.

This is evaluated as Minor = 1, Major = 2, Serious = 3

Risk Likelihood (L)

The likelihood of the harm occurring is evaluated on the following basis:

Unlikely =1, Possible = 2, Likely = 3

Overall Risk

Overall Risk is calculated by multiplying the figure for Severity (S) x Likelihood (L). The figure calculated is related to the rate of risk as follows

1 to 3 Low, 4 to 6 Medium, 7 to 9 High

Circulation	Management, Staff & Show or Event Organisers
Assessor	A Caldwell
Date Assessed	3 rd November 2019
Review Date	Every 12 months next review 3/11/2020