

Extreme Adventure Ltd – Risk Assessment

Activity- Mobile Zip Line

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 whilst building Zip Line	Employees	Use of ropes and platforms to build Zip Line. Staff are always clipped to the course so even in the event of fall they only drop 10cms	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Employee trained in safe climbing practices and company procedures	Ongoing
Lifting parts of the Zip Line during build	Employees	No one single part of the course heavier than the safe lifting weight of 25kg. Also most equipment is lifted hydraulically	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Employee trained in safe lifting practices and company procedures	Ongoing
Working at height	Employees	Safe working at height practices used in conjunction to current HSE legislation. As previously mentioned when working at height staff are permanently clipped to a safety rail	Severity of Risk (S)- 2 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 6 MEDIUM	Employee trained in safe climbing practices and company procedures	Ongoing

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Injury from course	Participants/Instructors	Use of high quality materials and construction of parts. All sharp edges and burrs have removed and rounded edges given to equipment. Extra padding will be put in place wear a particular hazard has been identified	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Every participant is given a safety briefing on the use of the course and that any actions considered dangerous by the Instructors will result in that person being removed from the Zip Line	Ongoing
Head Injury from falling Objects	Participants	Helmets worn where appropriate	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Participants to remove all loose items from pockets and store in boxes provided whilst on the course	Ongoing
Suspension injury from loose jewellery or other loose item,	Participants	All participants to remove all jewellery and loose clothing or similar	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Training and Supervision	Ongoing
Participant freezing on the Launch platform	Participants	Equipment has an Emergency Take Down Process	Severity of Risk (S)- 1 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 3 LOW	All staff trained in the use and company procedure for an Emergency Take Down of a user	Ongoing
Unsuitable footwear or clothing becoming trapped or considered to be a hazard	Participants	We have a strict policy that users will not be allowed on the course if their clothing or footwear is considered to pose a hazard	Severity of Risk (S)- 1 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 3 LOW	All staff trained what is considered to be safe and unsafe	Ongoing

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Injuries caused by people wandering into the site	Participants/Instructors	Barriers are used to separate the public from the equipment. This means only users that have been safety briefed and fitted with safety equipment	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MEDIUM	Signage and the set out of site makes it clear where people can or cannot go	Ongoing
Participants not suited the course i.e. being too heavy or too small to attempt the activity. This may result in a hazard to themselves or other users	Participants	Clear signage showing the allowable user minimum heights accompanied and unaccompanied are displayed. Signage also dictates the maximum weight of a user. A pair of scales is on hand to ensure clarification	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Clear signage and training staff in the clear procedures and policies of the company to maintain a safe operation	Ongoing
Participants (younger children) fiddling with the screw gate on the Caribena meaning the safety device is not safe	Participants	All small Harnesses have Caribenas with self locking gates on.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Ensure that all Children's harnesses have the self locking caribenas on.	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	Andrew Caldwell
Date Assessed	3 rd November 2011
Review Date	Every 12 months next review 3/11/2012