

Extreme Adventure Ltd – Risk Assessment

Activity – Laser Maze

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)
Slips, trips and falls	Participants	Participants briefed to take care in reduced light conditions. Walkway clearly marked.	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Observe safe practice by clearly explaining to participants the hazards.	Ongoing
Eye injury from Lasers during set up	Staff	Warning – when pin-point is in Align mode the ‘Lasers will NOT switch off’ if the beam is broken. DO NOT look into laser	Severity of Risk (S)- 1 Likelihood of Risk (L)- 3 Overall Risk (S x L)= 3 LOW	Staff are trained in set up procedure	Ongoing
Eye injury from Lasers during game	Participants	In Play mode the Laser Beams will automatically switch off when the beam is broken within a millisecond	Severity of Risk (S)- 1 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 1 LOW	Check operation is fully functional during daily check	Ongoing
Minor bodily injury to Participants	Participants	Low risk design used of Laser Maze to avoid Participant injury.	Severity of Risk (S)- 2 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 4 MEDIUM	Staff to observe safe practice and changing conditions	Ongoing

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Electrocution	Participants	All electrical devices are PAT tested, circuit breakers are also used	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 1 LOW	Ensure Circuit Breaker is in place before operation. Checked on Daily Safety Check	Ongoing
Participants confused about finding the way out	Participants	Florescent tape marks exit	Severity of Risk (S)- 1 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 2 LOW	Staff to be aware and vigilant	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	Rear doors of Laser Maze trailer locked when not in use	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	Mr Caldwell
Date Assessed	3 rd November 2015
Review Date	Every 12 months next review 3/11/2016