



**270**  
CLIMBING

# RISK ASSESSMENTS

**HIGH ROPES**

2022-2023 ISSUE

## RISK ASSESSMENT SCALES

The following Risk Assessments are scored on the scales as listed below.

FREQUENCY	
Constant	Daily interactions with hazard
Very Frequent	Weekly interactions with hazard
Frequent	Monthly interactions with hazard
Infrequent	Annual interactions with hazard
Rare	Less than annual interactions with hazard

SEVERITY		
5	Risk of Death	
4	Severe	e.g. fracture, break, overnight stay in hospital
3	Moderate	e.g. strain, sprain
2	Minor	Small cut, abrasion
1	Trivial	e.g. discomfort, slight bruising

PROBABILITY		
5	Almost Certain	
4	Likely	
3	Fair	
2	Unlikely	
1	Remote	

RISK RATING SCORING BANDS	
15-25	High Priority action
6 - 12	Medium Priority action
2 - 5	Low Priority action
0 - 1	No further action

Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O'Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope Course	1

**Hazard Description**

Failure of element components / equipment
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**Hazard Category(ies)**

**Risk Groups**

Fractures, bruising, crushing, falls	Public Staff
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**Risk Assessment (without control measures)**

<b>Frequency</b> constant	<b>Severity</b> 5	<b>Probability</b> 2	<b>Initial Risk Rating</b> 10
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**Existing Controls**

<ul style="list-style-type: none"> <li>All equipment, PPE and components are inspected prior to use each day.</li> <li>All equipment, PPE and components undergo a full thorough inspection at a Maximum 3 monthly interval.</li> <li>All equipment, PPE and components are inspected by an authorised external inspector annually.</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

<b>Frequency</b> constant	<b>Severity</b> 5	<b>Probability</b> 1	<b>Residual Risk Rating</b> 5
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**Notes**

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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope Course	2

**Hazard Description**

Prohibited access to elements where supervision is required, or height/weight/age limitations are not met/exceeded.

**Hazard Category(ies)**

**Risk Groups**

Fractures/ bruises/Cuts/grazes	Public
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**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
constant	3	4	12

**Existing Controls**

- Clear signage on tower denoting levels of access
- Visitors provided with clear instruction during briefing.
- Staff present to monitor access to elements

**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
constant	3	2	6

**Notes**

Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope course	3

**Hazard Description**

Injuries to bystanders caused by falling, swinging or moving objects and persons.

**Hazard Category(ies)**

**Risk Groups**

Fractures/ bruises/Cuts/grazes	Public Staff
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**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
Constant	4	3	12

**Existing Controls**

- Landing zones, exit zones and danger areas are clearly demarked.
- Visitors provided with clear instruction during briefing Staff are present to monitor

**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
constant	4	1	4

**Notes**

Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment Assessment No.	Area(s) Assessed	
New assessment	Rope course	4

**Hazard Description**

PPE fitted incorrectly
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**Hazard Category(ies)**

**Risk Groups**

Fractures/cuts/bruises	Public
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**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
Constant	4	3	12

**Existing Controls**

<ul style="list-style-type: none"> <li>• Customers provided with clear instruction during briefing.</li> <li>• All customers are checked by trained staff before they access the rope course.</li> <li>• Staff are present to monitor</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
Constant	4	1	4

**Notes**

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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O'Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope course	5

**Hazard Description**

Injuries caused by collisions between persons on elements.

**Hazard Category(ies)**

**Risk Groups**

Fractures/cuts/bruises	Public Staff
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**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
Constant	4	3	12

**Existing Controls**

- Numbers are restricted to safe levels on elements at any one time, reckless & unsafe behaviour is not tolerated
- Customers provided with clear instruction during briefing.
- Staff are present to monitor
- PPE worn by all participants

**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
Constant	4	1	4

**Notes**

Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope course	6

**Hazard Description**

Injuries to bystanders/Participants caused by falling - e.g. leap of faith, Free Fall.

Hazard Category(ies)	Risk Groups
Fractures/ bruises/Cuts/grazes	Public Staff

**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
Constant	5	3	15

**Existing Controls**

- Access to these activities are strictly controlled at all times by trained staff.
- Landing zones, exit zones and danger areas are clearly demarked and cordoned off from bystanders.
- Customers are provided with clear instruction.
- Staff are present to monitor, with access secured at other times.

Further Controls	Deadline
Landing area is kept clear and flat - cover with rubber matting in landing zone	17/05/23

**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
Constant	5	1	5

**Notes**

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Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23



Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope course	7

**Hazard Description**

Hair/loose clothing becoming caught.

**Hazard Category(ies)**

**Risk Groups**

Entrapment, grazes, bruising	Public Staff
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**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
Constant	3	3	9

**Existing Controls**

- Long hair should be tied back.
- Loose clothing to be tucked away or removed
- Customers provided with clear instruction during briefing.
- Staff are present to monitor
- Qualified rescue staff always available

**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
Constant	3	2	6

**Notes**

Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

Reason for Assessment	Area(s) Assessed	Assessment No.
New assessment	Rope course	8

**Hazard Description**

Injury due to entrapment between moving parts of element

**Hazard Category(ies)**

**Risk Groups**

Entrapment/Fractures/cuts/bruising/ crushing	Public Staff
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**Risk Assessment (without control measures)**

Frequency	Severity	Probability	Initial Risk Rating
Constant	4	3	12

**Existing Controls**

- Specific instruction is given on the use of certain elements.
- Customers provided with clear instructions during briefing.
- Staff are present to monitor.
- Qualified rescue staff are always available

**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

Frequency	Severity	Probability	Residual Risk Rating
Constant	4	1	4

**Notes**

Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

New assessment	Rope course	9
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**Hazard Description**

Customer trapped on element - frozen unable to move forward or back
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**Hazard Category(ies)**

**Risk Groups**

Emotional Stress	Public
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**Risk Assessment (without control measures)**

<b>Frequency</b> Constant	<b>Severity</b> 1	<b>Probability</b> 3	<b>Initial Risk Rating</b> 3
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**Existing Controls**

<ul style="list-style-type: none"> <li>• Specific instruction is given on the use of certain elements.</li> <li>• Customers provided with clear instructions during briefing.</li> <li>• Staff are present to monitor</li> <li>• Qualified rescue staff are always available</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

<b>Frequency</b> Constant	<b>Severity</b> 1	<b>Probability</b> 3	<b>Residual Risk Rating</b> 3
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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

New assessment	Rope course	10
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**Hazard Description**

Suspension-Customer suspended from element and unable to move onwards or backwards
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**Hazard Category(ies)**

**Risk Groups**

Suspension syndrome/bruising/ crushing/ fainting Emotional stress	Public Staff
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**Risk Assessment (without control measures)**

<b>Frequency</b> Constant	<b>Severity</b> 4	<b>Probability</b> 3	<b>Initial Risk Rating</b> 12
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**Existing Controls**

<ul style="list-style-type: none"> <li>• Specific instruction is given on the use of certain elements.</li> <li>• Customers provided with clear instructions during briefing.</li> <li>• Customers provided with the correctly sized Expoglider lanyard</li> <li>• Staff are present to monitor.</li> <li>• Qualified rescue staff are always available.</li> <li>•</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

<b>Frequency</b> Constant	<b>Severity</b> 4	<b>Probability</b> 1	<b>Residual Risk Rating</b> 4
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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

New assessment	Rope course	11
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**Hazard Description**

Unauthorised access to tower/high rope
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**Hazard Category(ies)**

**Risk Groups**

Fatalities/Fractures/ bruises/Cuts/grazes	Public
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**Risk Assessment (without control measures)**

<b>Frequency</b> Constant	<b>Severity</b> 5	<b>Probability</b> 3	<b>Initial Risk Rating</b> 15
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**Existing Controls**

<ul style="list-style-type: none"> <li>• Site is closed when not attended</li> <li>• Signs warning of danger are clearly displayed</li> <li>• Access to tower and elements are secured when site is closed</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

<b>Frequency</b> Constant	<b>Severity</b> 5	<b>Probability</b> 1	<b>Residual Risk Rating</b> 5
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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

New assessment	270 Site	12
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**Hazard Description**

Slips, Trips, falls
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**Hazard Category(ies)**

**Risk Groups**

Fractures/ bruises, grazes	Public Staff
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**Risk Assessment (without control measures)**

<b>Frequency</b> Constant	<b>Severity</b> 4	<b>Probability</b> 3	<b>Initial Risk Rating</b> 12
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**Existing Controls**

<ul style="list-style-type: none"> <li>• Walkways and platforms are kept clean and clear from obstruction.</li> <li>• Signs clearly indicate pathways and location of facilities.</li> <li>• Prohibited areas are clearly marked.</li> <li>• Staff present to assist &amp; monitoring</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

<b>Frequency</b> Constant	<b>Severity</b> 4	<b>Probability</b> 1	<b>Residual Risk Rating</b> 4
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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O’Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23

New assessment	270 Site	13
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**Hazard Description**

Adverse Weather
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**Hazard Category(ies)**

**Risk Groups**

Fractures/ bruises, grazes/electrical burns	Public Staff
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**Risk Assessment (without control measures)**

<b>Frequency</b> Constant	<b>Severity</b> 5	<b>Probability</b> 3	<b>Initial Risk Rating</b> 15
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**Existing Controls**

<ul style="list-style-type: none"> <li>• Weather conditions are monitored.</li> <li>• Course closed if lightning is forecast in the area.</li> <li>• Course closed if wind speed is forecast to exceed safe limits.</li> </ul>
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**Further Controls**

**Deadline**

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**Risk Assessment (taking control measures into account)**

<b>Frequency</b> Constant	<b>Severity</b> 5	<b>Probability</b> 1	<b>Residual Risk Rating</b> 5
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Assessor/Reviewer Name	Job Title	Created on	Reviewed	Review Date
Liam O'Hara	Safety & Maintenance Manager	17/03/23		17/05/23 April 2024
Mark Chamberlain	Activities Chief Operating Officer			17/05/23