

## RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LIMITED

**SUBJECT: Nets Adventure**

**RISK ASSESSMENT REF: NA01/2022/V1**

**WRITTEN BY: Operational Team/Health and safety Team**

Risk Matrix							
Risk rating guidance	Likelihood (L)	5	5	10	15	20	25
		4	4	8	12	16	20
		3	3	6	9	12	15
		2	2	4	6	8	10
		1	1	2	3	4	5
				1	2	3	4
Severity (S)							
Acceptability of risk guidance	<b>High-risk: 15 – 25</b>		High-risk activities should cease immediately. Further effective control measures to mitigate risks must be introduced.				
	<b>Medium-risk: 8 – 12</b>		Medium-risks are an acceptable level based on the reduced likelihood after sufficient control measures are implemented.				
	<b>Low-risk: 1-6</b>		Low-risks are largely acceptable. Where it is reasonable to do so, efforts should be made to reduce risks further.				
Guidance. When completing a risk assessment, you should:	<ol style="list-style-type: none"> <li>1. Identify the persons at risk and the significant hazards.</li> <li>2. Calculate an initial RR for the activity.</li> <li>3. Identify risk control measures that reduce the risks to an acceptable level.</li> <li>4. Calculate a revised RR - you should consider how much safer the task will be if the control measures are followed. Here, you should consider changing both the likelihood (L) and the severity (S) ratings.</li> </ol>						
<b>Note.</b> Ideally, you should look to reduce the risks so that the task can be classified as "low-risk".							

Likelihood	Definition	Points rating
<b>Inevitable</b>	If the work continues as it is, there is almost 100% certainty that an accident will happen, for examples: A broken stair or broken rung on a ladder, Bare, exposed electrical conductors, Unstable stacks of heavy boxes	<b>5</b>
<b>Highly likely</b>	Will happen more often than not. Additional factors could precipitate an incident, but it is still likely to happen without this additional factor.	<b>4</b>
<b>Possible</b>	The accident may occur if additional factors precipitate it, but it is unlikely to happen without them.	<b>3</b>
<b>Unlikely</b>	This incident or illness might occur, but the probability is low and the risk minimal.	<b>2</b>
<b>Remote possibility</b>	There is really no risk present. Only under freak conditions could there be any possibility of an accident or illness. All reasonable precautions have been taken - This should be the normal state of the workplace.	<b>1</b>

Severity	Definition	Points rating
<b>Very high</b>	Causing multiple deaths and widespread destruction e.g. fire, course/building collapse.	<b>5</b>
<b>High</b>	Causing death, serious injury or permanent disability to an individual.	<b>4</b>
<b>Moderate</b>	Temporary disability causing injury (to member of the public, contractor or employees) or disease capable of keeping an employee off work for seven days or more and reportable under RIDDOR (Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995).	<b>3</b>
<b>Slight</b>	Minor injury (to member of the public, contractor or employee), which would allow the individual to continue work after first aid treatment on site or at a local surgery. The duration of the stoppage or treatment is such that the normal flow of work is not seriously interrupted.	<b>2</b>
<b>Nil</b>	Very minor injury, bruise, graze, no risk of disease.	<b>1</b>

## RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LIMITED

SER	HAZARD	L	S	RR	WHO MIGHT BE HARMED	CONTROL MEASURES	FURTHER CONTROL MEASURES: reviewed annually to formulate Risk Reduction Plan	L	S	RR		
001	<p>Net Failure/Defects</p> <ul style="list-style-type: none"> <li>• Incorrectly maintained</li> <li>• Falling Objects</li> <li>• Weather</li> <li>• Vandalism</li> <li>• Day to day use</li> <li>• Tree Issues</li> <li>• Pest damage (Squirrels)</li> </ul>	4	5	20	Staff, Customers and Spectators	<p>In accordance with the manufactures guidance the equipment will be inspected and maintained at designated intervals and additionally in line with Nets Adventure operating procedures, which will include: -</p> <ul style="list-style-type: none"> <li>• Daily Opening Checks</li> <li>• Checks during operation</li> <li>• Recorded Monthly Inspection</li> <li>• Annual Inspection</li> <li>• Annual Tree Inspection by qualified aboriculturalist</li> </ul> <p>Checks and Inspections will be carried out by trained staff and logged accordingly</p> <ul style="list-style-type: none"> <li>• Inaugural Inspection</li> <li>• Periodical Inspection</li> <li>• Routine Inspections</li> </ul> <p>Damaged equipment will be replaced or repaired where necessary in accordance with Manufacturers Guidance.</p> <p>Safety Rules – No Smoking is permitted in the nets</p> <p>All trees used have been inspected prior to build by a qualified arboriculturist.</p> <p>Pest Control measures</p>				2	4	8
002	<p>Unauthorised Access</p> <ul style="list-style-type: none"> <li>• Overnight</li> <li>• During Operation</li> </ul>	4	4	16	Intruders, Staff, Customers and Spectators	<p>The activity has been designed and constructed so that all access points during normal operation can be made inaccessible to prevent unauthorised access.</p> <p>The perimeter has 6ft fencing to prevent access during operational hours by anyone who hasn't signed in as a participant or spectator.</p>	Benches secured down to stop them being used to facilitate overnight access. (Black Park)	2	2	4		

## RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LIMITED

						<p>All Participants and Supervisors will receive a Safety Brief (OD)  Spectators advised to not enter the nets.  All participants will be issued with a wristband to identify them, non-participating supervisors and spectators will have different colour wristbands.  Patrolling staff will monitor the activities in accordance with the Monitoring and Patrolling Nets Adventure policy (OD) to ensure only participants are in the nets.</p>			
003	<p>Injuries</p> <ul style="list-style-type: none"> <li>• Entrapment of Body Parts, Jewellery, Hair, or clothing</li> <li>• Slips and Trips</li> <li>• Objects Falling (i.e., personal belongings)</li> <li>• Net Abrasions</li> </ul>	3	4	12		<p>Activity is designed and manufactured to minimise the risk of entrapment.  Safety Rules and Advice available on website and given to customers on arrival</p> <ul style="list-style-type: none"> <li>• Jewellery removed or covered up</li> <li>• Hair tied up</li> <li>• Suitable footwear (no - heels, open toes, heels or lacing hooks)</li> <li>• Pockets emptied</li> <li>• Loose clothes tucked in</li> <li>• Long sleeves and trousers advised</li> </ul> <p>Instructors to check this is followed during Pre-Brief checks (OD)  Key Rules are repeated and delivered verbally during the Safety Brief (OD)  Qualified first aiders on duty at all times  Staff completing works at height will ensure tools are unable to fall or where this is not possible cordon off the area below.  Ground Area inside compound included in daily checks for potential hazards, layout of area designed to minimise risks.</p>	2	2	4
004	<ul style="list-style-type: none"> <li>• Collisions</li> <li>• Awkward landings</li> <li>• Pre-existing injuries</li> </ul>	4	3	12	Staff and Customers.	<p>Safety Rules and Advice available on the website and on arrival</p> <ul style="list-style-type: none"> <li>• Allow Adequate space to others to move around</li> </ul>	2	2	4

**RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LIMITED**

					<ul style="list-style-type: none"> <li>• Kids Net for younger participants and those feeling unsure or nervous</li> <li>• Only one at a time in slides</li> <li>• No Summersaults or tricks</li> </ul> <p>Participant capacities on Nets and Treehouses are set in accordance with Manufacturer Guidance and operating procedures.</p> <p>Seating and relaxing areas created on the ground for people to congregate and rest reducing the numbers in the nets.</p> <p>Supervision Ratios –</p> <ul style="list-style-type: none"> <li>• Under 6s must be accompanied on the Nets by an Over 18 at a maximum ratio of 1:2</li> <li>• 6 - 15 year olds must be supervised either from the ground or on the nets by an over 18 with a maximum ratio of 1:5</li> <li>• Ages and supervision ratios confirmed on Risk Acknowledgement and Consent Form</li> <li>• Supervisors to remain within the nets area for the duration of the activity</li> <li>• These ratios may be modified accordingly for private bookings such as schools.</li> </ul> <p>Trained staff will patrol the Nets in accordance with Operating Procedures to ensure participants are following the rules and advice. (OD)</p> <p>Risk Acknowledgement and Consent Form to include</p> <ul style="list-style-type: none"> <li>• Confirmation of no previous injuries or pregnancy</li> <li>• Confirmation of reading of Safety Rules</li> </ul>			
--	--	--	--	--	--	--	--	--

**RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LIMITED**

005	Participants unable to make own way off nets due to injury	4	4	16	Staff, customers and spectators.	For minor injuries staff may be able to assist participants from the net. Procedure in place to alert all participants to an incident that requires them to sit down and stay still. (confirmed in safety brief). Monitoring and Patrolling Nets Adventure (OD) Where participants need additional assistance, a stretcher is available. Staff are trained in loading the stretcher and moving it around the nets and to the ground using standard entrances and exits with regular practice. Where control is needed in lowering down slides and ramps, additional equipment will be used by specifically trained staff. Nets Rescue Method Statement (OD)		2	2	4
006	Participants Falling from Height <ul style="list-style-type: none"> <li>• Contravention of safety rules</li> <li>• Infrastructure failure</li> </ul>	2	4	8	Staff, customers and spectators.	Course design and construction ensure participants cannot reach outside the nets at any point, windows in Treehouses covered with net. Net checks are carried out regularly (see net failure above) Safety Rules and Advice <ul style="list-style-type: none"> <li>• No climbing walls</li> </ul> Supervision Ratios (see above) to ensure rules are followed Instructors to Patrol in accordance with operational policy (OD)		2	2	4
007	Inclement Weather during operation <ul style="list-style-type: none"> <li>• Snow</li> <li>• Heavy Rain/Hail</li> <li>• High Winds</li> <li>• Thunder and Lightening</li> </ul>	4	3	12	Staff, customers and spectators	Activity operates in accordance with Manufacturers Guidance regarding operating limits. Following extreme weather conditions activity to be inspected in accordance with manufacturers guidance (see Net Failure/Defects)		2	2	4

## RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LIMITED

### Refs

HSE Information Sheet Entertainment Sheet No 14

HSE 5 Steps to Risk assessment INDG 163

HSE A Guide to Risk Assessment requirements INDG 218

**Notes: Control Measures** - Where a control measure has been identified, it is only included once and not repeated under every serial number. Therefore, for a specific hazard identified, a control measure in a serial above may apply to that hazard. (HSE RA guidance.)

1. Go Ape training package. These include the following: Go Ape Operations Manual (OD) and Appendices on how to run a Go Ape course, Go Ape Online Training / Manual (TM), including training and assessment policy and training objectives, generic PowerPoint presentations and training videos, Go Ape Duty Manager Training (DMT), Go Ape Rescue Package (RP), Go Ape Company Handbook and further library documents listed in the Go Ape document library (OD).
2. Control Measures. Where a control measure has been identified, it is only included once and not repeated under every serial number. Therefore, for a specific hazard identified, a control measure in a serial above may apply to that hazard. (HSE RA guidance.)
3. Instructors Training. Go Ape instructors must pass through a full training and assessment programme before they can instruct on Go Ape. They undergo training in accordance with the Go Ape training package, training and assessment policy and training objectives which includes the delivery of safety instruction, operational limits on the use of the course, course inspections during daily course opening and closing, supervision and patrolling techniques, personal protective equipment, harness fitting and inspection, emergency operations, health and safety and customer care. Instructors are First Aid trained. Only instructors with the correct aptitude are selected for additional training in rope rescue techniques. Training and assessment of rescue trained instructors is only carried out by our trained and qualified persons, who have been formally assessed as competent to do so by the Operations Manager responsible for training. Duty Managers complete an additional Duty Manager Training package. Site Managers attend annual Managers Training and quarterly Managers Meetings where they are updated on any operational changes including training requirements.
4. Consultation with paramedics from the local ambulance service and HART team validated the Nets Adventure emergency first aid and stretcher procedures.