

SUBJECT: Nets Adventure

RISK ASSESSMENT REF: NA 02/2020

WRITTEN BY: Operational Support Team / Nets Site Teams

Risk Matrix								
Risk rating guidance	Likelihood (L)	5	5	10	15	20	25	Likelihood (L) x Severity (S) = Risk Rating (RR).
		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	High-risk: 15 – 25		High-risk activities should cease immediately. Further effective control measures to mitigate risks must be introduced.					
	Medium-risk: 8 – 12		Medium-risks are an acceptable level based on the reduced likelihood after sufficient control measures are implemented.					
	Low-risk: 1-6		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"> Identify the persons at risk and the significant hazards. Calculate an initial RR for the activity. Identify risk control measures that reduce the risks to an acceptable level. 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. 							
Note. Ideally, you should look to reduce the risks so that the task can be classified as "low-risk".								

Likelihood	Definition	Points rating
Inevitable	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	5
Highly likely	Will happen more often than not. Additional factors could precipitate an incident, but it is still likely to happen without this additional factor.	4
Possible	The accident may occur if additional factors precipitate it, but it is unlikely to happen without them.	3
Unlikely	This incident or illness might occur, but the probability is low and the risk minimal.	2
Remote possibility	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.	1

Severity	Definition	Points rating
Very high	Causing multiple deaths and widespread destruction e.g. fire, course/building collapse.	5
High	Causing death, serious injury or permanent disability to an individual.	4
Moderate	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).	3
Slight	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.	2
Nil	Very minor injury, bruise, graze, no risk of disease.	1

The Review Process. This risk assessment will be reviewed when it is suspected that the assessment is no longer valid or there has been a significant change. In addition, it will be reviewed annually.



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"> • Incorrectly maintained • Falling Objects • Weather • Vandalism • Day to day use • Tree Issues • Pest damage (Squirrels) 	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"> • Daily Opening Checks • Checks during operation • Recorded Monthly Inspection • Annual Inspection • Annual Tree Inspection by qualified aboriculturalist <p>Checks and Inspections will be carried out by trained staff and logged accordingly</p> <ul style="list-style-type: none"> • Inaugural Inspection <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 arboriculturalist.</p>	Pest Control measures	2	3	6
002	<p>Unauthorised Access</p> <ul style="list-style-type: none"> • Overnight • During Operation 	4	4	16	Intruders, Staff, Customers and Spectators	<p>The activity has been designed and constructed so that all access points during normal operation are raised up or having closing doors (climbing tower) to prevent access points when the course is not open.</p> <p>Entire area is enclosed with 6ft fencing to prevent access during operational hours by anyone who hasn't signed in as a participant or spectator.</p> <p>All Participants and Supervisors will receive a Safety Brief (OD)</p>	Benches secured down to stop them being used to facilitate overnight access. (BP)	2	2	4

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						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			
003	<p>Injuries</p> <ul style="list-style-type: none"> • Entrapment of Body Parts, Jewellery, Hair or clothing • Slips and Trips • Objects Falling (i.e. personal belongings) • Net Abrasions 	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"> • Jewellery removed or covered up • Hair tied up • Suitable footwear (no - heels, open toes or heels, lacing hooks) • Pockets emptied • Loose clothes tucked in • Long sleeves and trousers advised <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"> • Collisions • Awkward landings • Pre-existing injuries 	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"> • Allow Adequate space to others to move around • Kids Net for younger participants and those feeling unsure or nervous • Only one at a time in slides 	2	2	4

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						<ul style="list-style-type: none"> No Summersaults or tricks <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"> Under 6s must be accompanied on the Nets by an Over 18 at a maximum ratio of 1:2 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 Ages and supervision ratios confirmed on Risk Acknowledgement and Consent Form Supervisors to remain within the nets area for the duration of the activity These ratios may be modified accordingly for private bookings such as schools. <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"> Confirmation of no previous injuries or pregnancy Confirmation of reading of Safety Rules 			
005	Participants unable to make own way	4	4	16	Staff, Customers and spectators.	For minor injuries staff may be able to assist participants from the net.	2	2	4

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RISK ASSESSMENT FOR GO APE, ADVENTURE FOREST LTD



	off nets due to injury					<p>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)</p> <p>Where participants need additional assistance, a stretcher is available. All staff to be 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 must be used by specifically trained staff. Nets Rescue Method Statement (OD)</p>				
006	<p>Participants Falling from Height.</p> <ul style="list-style-type: none"> • Contravention of safety rules • Infrastructure failure 	2	4	8	Staff, customers and spectators.	<p>Course Design and construction to ensure participants aren't able to get outside the nets at any points, openings in Treehouses covered with net. Net Checks are carried out regularly (see net failure above)</p> <p>Safety Rules and Advice</p> <ul style="list-style-type: none"> • No climbing walls <p>Supervision Ratios (see above) to ensure rules are followed</p> <p>Instructors to Patrol in accordance with operational policy (OD)</p>		2	2	4
007	<p>Inclement Weather during operation</p> <ul style="list-style-type: none"> • Snow • Heavy Rain/Hail • High Winds • Thunder and Lightning 	4	3	12	Staff, customers and spectators	<p>Activity to only operate in accordance with Manufacturers Guidance regarding operating limits due to weather, including wind, thunder and lightning and in accordance with Nets Adventure Hazards Due to Bad Weather (OD)</p> <p>Staff to monitor forecasts to ensure readiness for inclement weather, patrolling staff to monitor what is happening around the nets and communicate with the Duty Manager.</p>		2	2	4

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						Following extreme weather conditions activity to be inspected in accordance with manufacturers guidance (see Net Failure/Defects)			
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Refs
Go Ape TTA Generic Risk Assessment

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.

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. 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.
3. Consultation with paramedics from the local ambulance service and HART team validated the Nets Adventure emergency first aid and stretcher procedures.