



RISK ASSESSMENT – Monkey Trail Niko Rail System

VERTIGO ADVENTURES – STANBOROUGH PARK

Risk Assessment carried out by Darren Webber

Feb 2024 – Feb 2025

KEY
 Severity = 1 Low – 5 High
 Likelihood = 1 Low – 5 High
 S + L = **Low 1 – 3** **Med 4 – 7**
High 8 - 10

HAZARD IDENTIFIED	PERSON AFFECTED	RISK SEVERITY + LIKELIHOOD			CONTROL MEASURES	RISK SEVERITY + LIKELIHOOD		
		S	L	S+L		S	L	S+L
Going onto course without permission	Participant	5	3	8	<ul style="list-style-type: none"> Gate barrier to be closed at all times. Gate only to be operated by instructors. Participants to be attached onto course as soon as the gate is opened (before gate is opened if possible). Instructor to stay vigilant and alert throughout session. 	2	1	3
Participants colliding with each other	Participants	3	2	5	<ul style="list-style-type: none"> Participants are not allowed to zip across elements. Instructors to stay alert and vigilant to group management Only 1 participant per element (this gets explained in the safety brief to all participants). 	1	1	2
Wood/Metal Splinters	Instructors & Participants	2	1	3	<ul style="list-style-type: none"> All wood to be sanded down. 	1	1	2

					<ul style="list-style-type: none"> • Check to be done every day in use and highlighted if needed to general manger before participants go on the course. • Within safety brief participants are told not to touch any mental including the wire above them. • Suitable footwear to be worn (should not be able to see toes or heels). 			
Rope Burn	Instructors & Participants	2	1	3	<ul style="list-style-type: none"> • Gloves can be worn to prevent any rope burn. • Lanyards to be adjusted to the correct height for the participant. 	1	1	2
Limb entrapment in rope	Instructors & Participants	4	3	7	<ul style="list-style-type: none"> • No rope should be wrapped around any body part. • Only one lanyard per person • When holding rope both strands should be held where applicable. 	2	1	3
Slippiness on course	Instructors & Participants	2	3	5	<ul style="list-style-type: none"> • Course to be checked every day when in use and cleaned of mold where applicable. • Slip paint to be applied where necessary. 			
Inverting on course	Instructors & Participants	5	3	8	<ul style="list-style-type: none"> • Everyone at height to be wearing a full body harness. 	1	1	2
Elements hitting people	Instructors & Participants	2	2	4	<ul style="list-style-type: none"> • Only one person per element. 			

					<ul style="list-style-type: none"> Everyone should be wearing a helmet. 			
Finger Entrapment in the Niko Rail	Instructors & Participants	3	3	6	<ul style="list-style-type: none"> Within the safety brief, instructor to explain and demonstrate safe use of the Niko rail and how to safely move around the course. 	1	1	2
Disconnecting from course	Instructors & Participants	5	3	8	<ul style="list-style-type: none"> Only instructors can connect and disconnect people from the course. Connection points can only be taken off via a spanner and not hand. The Niko Rail system is a continuous system so there is no need for participants to ever disconnect themselves. Staff to stay on one Niko Rail and participants to stay on the other Niko Rail therefore, no staff should ever need to disconnect when operating the course. Staff to follow SOP's in the event they need to disconnect someone from the course. 	2	1	3
Overloading elements and platforms	Instructors & Participants	3	3	6	<ul style="list-style-type: none"> Instructors to follow safety brief for all participants. (1 person per element & 2 people max per platform). All participants are to sign an acknowledgment of risk form which states maximum weight for the course at 120kg. 	1	1	2

					<ul style="list-style-type: none"> • Instructors to be vigilant and keep group control to high standards. 			
Climbing over barriers on the side of the tower	Participants	5	3	8	<ul style="list-style-type: none"> • Instructor to pay particular attention to this happening. • No one should be standing in the waiting bay for long periods of time. • No more than 7 adults or 10 children to be in the waiting area at one time. 	4	2	6