

RISK ASSESSMENT

Subject of Assessment	Pier Zip	Date of Assessment	22/03/2022
Task/Activity	Base	Date of Next Assessment	22/03/2022
Assessor	Chris Stradwick	Location of Assessment	Bournemouth Pier

Risk Rating Matrix (RR)	Likelihood (L)		
Severity (S)	Certain or near certain to occur (High)	Reasonably likely to occur (Medium)	Unlikely to occur (Low)
Fatality; major injury or illness causing long term disability (High)	HIGH (H)	HIGH (H)	MEDIUM (M)
Injury or illness causing short term disability (Medium)	HIGH (H)	MEDIUM (M)	LOW (L)
Other injury or illness (Low)	MEDIUM (M)	LOW (L)	LOW (L)

Overview

Openwide International Ltd has employees and recognises that Section 2(1) of the Health and Safety at Work Act 1974, which contains the duties placed upon employers to ensure the health, safety and welfare of their employees while they are at work, applies to them.

Openwide International Ltd also recognises that Section 3(1) of the Act, which places a duty on every employer to conduct their undertaking in such a way as to ensure that persons not in their employment but who may be affected by it are not exposed to risks to their health or safety, also applies to them in relation to customers and visitors.

This risk assessment should be considered as the key document for describing workplace risks and associated control measures at Openwide International Ltd. The only other separate risk assessment considered necessary is a fire risk assessment and CoSHH assessments for any hazardous substances.

This risk assessment was prepared by Openwide International Ltd staff with the support of Iain McNeill (Senior Safety Health & Environmental Consultant) from NatWest Mentor.

It is important that risk assessments are communicated to relevant employees. With this in mind, Openwide International Ltd will combine fulfilling this requirement with providing regular refresher training for health and safety by issuing an up-to-date copy of this risk assessment to every established employee annually and to every new employee when they commence employment.

Openwide International Ltd is content that the health and safety competence required by employees at Openwide International Ltd is not complex and will consist of them having a good understanding of the risks associated with their work activity and workplace and an understanding of the associated control measures that have been established in relation to them. By ensuring that this risk assessment adequately describes these risks and control measures, Openwide International Ltd considers annual provision of this risk assessment to be suitable and sufficient refresher training for health and safety established employees and suitable and sufficient induction training for new employees.

Employees should be aware that they have a duty under Section 7 of the Act to take reasonable care for the health and safety of themselves and other persons who may be affected by his acts or omissions at work and to co-operate with their employer so far as is necessary to enable the employer to comply with a duty or requirement imposed on them by health and safety law

Ref	Hazards		Who is at risk?	Controls in place	L	S	RR	Adequately controlled?
1.	COVID	Employees and customers may contract Corona virus	S + P	<ul style="list-style-type: none"> • Face masks/shields and gloves are optional for staff and public • Customers / employees will be asked to wash hands regularly and thoroughly (hand sanitiser will be provided) • Instructors to take extra care when harnessing customers. Advice customers to follow the instructor's guidance to ensure the instructor can double check the harness. • Close contact is unavoidable 	L	M	L	Yes, Continued monitoring

Ref	Hazards		Who is at risk?	Controls in place	L	S	RR	Adequately controlled?
2.	Loose cables and other trip hazards	Employees may suffer injury from tripping over lose cables or other trip hazards that protrude onto the floor.	S	ZipBase is tidied and organised by staff so that there is no rubbish or cables or any other equipment on the floor that could be trip hazards.	L	M	L	Yes, Continued monitoring
3.	Stools	Employee may fall and suffer injury if stool collapses during use.	S	Stools are checked daily before use. If the stool is deemed faulty it will be taken out of action.	L	M	L	Yes, Continued monitoring
4.	Items falling from height	Employees may suffer injuries from items falling from height and hitting the employee.	S	Staff are provided with training on how to lift and store items safely and correctly	L	M	L	Yes, Continued Monitoring
5.	Sharp objects	Employees could suffer injury or cuts from sharp objects found in reception (scissors, tools, etc.).	S	Any sharp objects are stored safely and are put away properly after use.	L	M	L	Yes, Continued Monitoring
6.	Mopping	Employees or customers may slip and suffer injury.	S	Mopping should only be carried out when the base is shut at the beginning or end of the day. Yellow 'Wet Floor' warning signs are used even when the unit is closed.	M	M	M	Yes, Continued Monitoring
7.	Faulty Building Wiring, Electrics & Appliances	Employees or customers could suffer fatal injury from electrocution.	S + P	Clear Access to fuse box. PAT Testing carried out each year. Staff are trained to spot & report defective plugs, discoloured sockets & damaged cables and take any faulty equipment out of use.	L	H	M	Yes, Continued Monitoring

Ref	Hazards		Who is at risk?	Controls in place	L	S	RR	Adequately controlled?
8.	Freezer	Employees may suffer ice burn or injury from fingers being caught in moving parts.	S	All staff are instructed that the machine must be off and removed from power supply before cleaning. All staff are instructed not to put body parts near to grill at the bottom as there are moving parts.	L	M	L	Yes, Continued Monitoring
9.	Workplace Temperature	Employees could faint which could lead to further injury.	S	Staff are provided with drinking water and hot drinks. Fans are provided and there are openable windows in base to control air temperature in the summer and heaters are turned on in the winter	L	L	L	Yes, Continued Monitoring
10.	Ladder	Employees and public may suffer major injury	S & P	Staff to ensure ladder is secured against wall and floor. If in use a second staff member will hold the base of the ladder when staff ascending. Ascending staff member will do so in a safe and controlled manner, opening of windows should also be done in a safe and controlled manner. Where possible ladder will only be used when ZipBase is closed to public to avoid potential injury to public.	L	M	L	Yes, Continued Monitoring

Ref	Hazards		Who is at risk?	Controls in place	L	S	RR	Adequately controlled?
11.	Equipment failure	Customers and employees may suffer major or fatal injury	S & P	<p>All equipment is checked daily by trained staff to ensure it is functioning correctly and to the manufacturer's specification. All equipment is also spot checked throughout the day by trained staff to ensure it is functioning correctly. Any Equipment found to not be functioning correctly will be quarantined and placed into red box marked "Quarantine" and quarantine paperwork filled out.</p> <p>Zip cable inspected daily and thoroughly, also inspected by Paul Capper and JMA twice a year.</p> <p>In-depth PPE checks carried out by senior competent staff and logged on internal PPE system at least every 3 months.</p>	L	H	M	Yes, Continued Monitoring
12.	Incorrect Equipment	Customers and employees may suffer injury	S & P	<p>All equipment is fitted by trained, competent staff. All equipment is double checked in zip base to make sure it is the correct size/length, functions correctly and is all attached correctly. There is a third check done by the instructor on tower. There are spare lanyard sets available on tower so that these can be changed if the tower instructor feels the need to. If the tower instructor is not happy with any of the other equipment the participant has on, they will direct them back to base to have them changed.</p>	L	H	M	Yes, Continued Monitoring

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13.	Instructor Error	Customers and employees may suffer injury	S+P	<p>Monthly spot checks and quarterly assessments are carried out to make sure instructors are kept up to date with operating procedures.</p> <p>Instructors are also rotated through their roles and provide regular breaks.</p> <p>Instructors are trained to support each other, be aware of each other's safety behaviour and provide interventions when needed as well as immediate feedback on any safety related issue.</p> <p>All staff are trained and encouraged to ask for a break if needed and to speak up if feeling tired, losing concentration, focus or feeling unwell.</p>	L	H	M	Yes, Continued Monitoring
14.	Human Error	Customers and employees may suffer injury	S+P	<p>Safety brief is given to participant before activity is carried out. Safety points are highlighted by the instructor.</p> <p>Customers are under supervision whilst engaged in any activity that involves them completing their own connections.</p>	L	H	M	Yes, Continued Monitoring

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15.	Wind speed	Customers and employees may suffer injury	S & P	If the wind speed exceeds 24mph in any direction then the activity will not run and wind levels will be assessed every 30 mins. Participants must conform to the height and weight restrictions in place to ensure that they will safely travel the full distance of the zipwire. These weight limits are subject to weather conditions and decisions regarding the weight limits are to be made at the discretion of the lead instructor / management. If there is a strong onshore wind then the maximum weight limit will be lowered to prevent participants travelling down the zipwire too quickly. If there is a strong offshore wind the minimum weight limit will be increased to prevent any participants from not reaching the landing. There is a weather station in place to assess this and read out monitor is located in zip base; tower instructor also has access to an anemometer to assess wind levels from tower. Participants are warned of any adverse weather conditions prior to ascending the tower.	M	M	M	Yes, Continued Monitoring

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16.	Weather	Customers and employees may suffer injury	S & P	Adverse weather can affect people's safety on the zipwire due to it being an outdoor activity. Wind has already been mentioned separately above. Thunder and lightning are a risk due to the lines, tower, and landing being made of metal so there is a high risk of electrocution - any signs of this kind of weather in the near vicinity to activity will mean stopping and closing of activity for 30 mins to assess situation till safe to run again. High levels of fog can affect safety checks by staff so activity will be halted till visibility levels are safe OR secondary checks will be done by staff along the pier. Strong rains and snow will increase risks of slips and falls. Participants are warned of any adverse weather conditions prior to ascending the tower.	M	H	H	Yes, Continued Monitoring
17.	Pre - existing medical problems	Exacerbation of existing medical ailments	P	Instructor to ask participants or accompanying adults if any medical condition may be triggered by the activity. Instructor to make adjustments to session if required. For example, there are to be no flashing lights if somebody is epileptic and any medication is to be accessible.	L	H	M	Yes, Continued Monitoring
18.	Emotional risk	Distressed customers	P	Positive affirmations are given to comfort the person and build trust between the participants and the instructors. Demonstrations can be used to explain how to sit into the harness and show how the lanyards support the participant. Staff will comfort any participants showing distress upon reaching landing.	L	M	L	Yes, Continued Monitoring

Ref	Hazards		Who is at risk?	Controls in place	L	S	RR	Adequately controlled?
19.	Damage/ Vandalism	Customers and employees may suffer injury	S & P	The staircase to the tower is fenced off and there are anti-climbing measures in place. The gate is locked unless there is an Instructor at the top of the tower. Landing is locked unless being accessed by staff. All elements and surrounding areas of all aspects of the PierZip are inspected prior to opening and the length of the zipwires are checked for fishing line. All opening checks to be completed and logged (paper and electronically) before opening.	L	H	M	Yes, Continued Monitoring
20.	Knocks, bumps and grazes	Customers and employees may suffer minor injury	S & P	All participants are told to wear sensible clothing (long sleeves, trousers and closed toe, secured shoes are advised). A safety briefing is also implemented to minimize risk - advising people to take time and care on the activity. Helmets are worn by participants and instructors to prevent potential injuries whilst ascending the staircase.	M	M	M	Yes, Continued Monitoring
21.	Snagging from clothing, jewellery, long hair etc. and legs or arms getting caught in elements	Customers and employees may suffer major injury	S & P	All participants are told to remove any accessories that could pose a snagging risk, long hair must be tied back. Jewellery that cannot be taken off must be taped. Retrieval and rescue drills are trained to staff.	M	M	M	Yes, Continued Monitoring

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22.	Being hit by objects falling from height	Customers, employees and public may suffer injury	S & P	All participants are asked to remove any loose items from their pockets and this is double checked after the safety briefing. Participants are only able to film their flight if the camera/device is attached securely. Any equipment that staff may require whilst working at height must be securely attached to their harness or PierZip structure.	M	H	H	Yes, Continued Monitoring
23.	Slipping or tripping on the Zip Tower Stairway	Customers and employees may suffer injury	S & P	Participants are verbally warned about the angle of the stairs and advised to hold onto the hand rail at all times when using them. Participants are advised to walk in single file and to take their time whilst travelling up the staircase. They are also told that the steps may be slippery when wet and to take care when stepping onto the platform as the step onto the platform is higher than the others. Lanyards are tucked into the harnesses for smaller participants so that they do not trip over them. Yellow grip tape has been put on the edge of each step to make them easier to walk up.	M	M	M	Yes, Continued Monitoring
24.	Petrol fire	Customers, employees and public may suffer injury	S & P	Petrol containers are concealed within a metal box in the bike shed. The generator is inspected before each use and a log is kept of its condition and run times etc. Instructors are trained how to correctly and safely use generator. The generator is kept in zip base overnight - It is to be taken down to the landing platform as part of the opening checks, and is only permitted to be filled with petrol in daylight. When in operation the generator is kept outside landing to prevent fume build up.	L	H	M	Yes, Continued Monitoring

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25.	Fire / Emergency evacuation	Smoke Inhalation, trips, slips and falls.	S + P	Recorded and practiced evacuation process know to all RockReef Staff. Drills and exercises are carried out every 6 months and results recorded in RockReef Fire Book. Evacuation to be complete in under 3 mins	L	H	M	Yes, Continued Monitoring & Rehearsal

Hazard Ref	Additional control	Assigned to	Date Completed	L	S	RR
26.						

Who

S - Staff; P - Public

Risk Assessor:	Chris Stradwick	Reviewed By:	Maddie Latham
Date of Assessment	22/03/2022	Review date	22/03/2022
Print of Responsible Person:	Peter Collett	Signature of Responsible Person:	Peter Collett