

Risk Assessment for Bee-line Climbing Wall 13th February 2023

Hazard	Possible Outcome	Who is at risk	Level of risk	Action Taken	New level of risk
Incorrect Wall Erection	Injuries	Public / Users / Bee-line Operators	Medium	Staff are trained, in-house on wall operating and safety procedures following the set up process taught to them. Only Bee-line operators trained in the set up of the wall may do so	Low
Crush injury during erection and lowering of the wall	Injuries	Bee-line Operators / Public	Medium	All non-essential persons including members of the public to be kept well clear of the wall and trailer during erection and lowering process	Low
Overhead Cables and Trees	Injuries	Public, Bee-line Operators	Medium	Check area carefully prior to setting up wall	Low
High winds or extreme weather	Injuries	Public, Users	Medium	Check wind speed prior to use and at regular intervals throughout the event. If greater than 30mph or heavy rain or lightening is due the wall must not be erected	Low
Equipment Failure	Injuries	Users	Medium	All equipment is to be checked prior to each use. Any equipment found to be damaged or suspect should be removed from use until replaced or repaired	Low
Fall from height	Injuries	Users / Bee-line Operators	Medium	All operators must have fall training, all users will be attached to an auto belay system. No unattended users allowed. Harnesses to be rechecked by operator before each climb on different sides of wall	Low
Users going onto other users wall	Injuries	Users	High	-Operator to be vigilant in watching users on the wall and observe safe practice by reminding users to stay on their wall guiding them back to their rocks	Low
Minor bodily injury to climbers i.e scrapes	Injuries	Users	Medium	-Ensure correct clothing is worn and suitable footwear. Shoes must have a back on them, footwear such as sliders or flip flops are not permitted	Low



Helmets getting caught on climbing rocks – no longer required by ADIPS	Injuries	Users	Medium	-Operators to ensure users stay facing the wall at all times when ascending and descending. Helmets are no longer required on the climbing wall as there is a risk of suffocation should the helmet strap be caught on any rocks. As it is a static wall there is no falling debris to consider.	Low
Injury from loose clothing or jewellery	Injuries	Users	Medium	-Operators to visually check for any loose clothing or dangling jewellery and to ensure user sorts either of these before partaking Signs clearly displaying safety advice	Low
Climbers getting stuck through fear	Injuries / Panic	Users	Medium	-Trained operators only running the wall and aware of the rescue plan in place for climbers	Low
Instructors on the wall	Injuries	Users	Medium	The wall requires 1 member of staff on events longer than 4 hours 2 members of staff will be provided to relieve each other	Low
Injuries occurring during unsupervised use / access	Injury	Public	Medium	-Restrict access when not in use and cordon off area with barriers to a closed position	Low



Hazard	Possible Outcome	Who is at risk	Level of risk	Action Taken	New level of risk
Overhead Cables and Trees	Injuries	Public, Bee-line Operators	Medium	Check area carefully prior to setting up wall	
Over enthusiastic participants	Injuries	Users / Bee-line Operators	Medium	Observe safe practice at all times Bee-line Operators to manage safe practice	Low
Users climbing down on to other participants or operators	Injuries	Users / Bee-line Operators	Medium	-Bee-line Operators to stay vigilant -Users to stay in their zones and no one is to be underneath a climber at any time	Low
Climbers jumping on the steps used to enter	Injuries	Users	Medium	-Users to wait until they are called forward by a Bee-line Operator onto the steps. Users to hold handrail while getting into harness	Low
Harness straps dangling down	Injuries	Users	Medium	-Bee-line operators to ensure harness is fitted correctly if at any time excess dangles the user must come down for the operator to retuck	Low
Equipment Failure	Injuries	Users / Bee-line Operators / Public	Medium	-Bee-line operator to check all parts of equipment prior to use - Air pressure checked regularly - Daily check sheet to be completed at the start of each event day prior to using the wall	Low
Tripping over an unused equipment	Injuries	Users / Bee-line Operators	Medium	-Any unused equipment to be put away in the correct place Any unused harness or helmets to be hung in the correct place whilst the wall is in operation	Low
A Person climbing the wall hits the wall, potential of head injury or injury to the body	Injuries	Users	Medium	Climbers are instructed how to descend on their first go to ensure they understand how to come down before going all the way to the top. This has been discussed with the ADIPS tester and the reason we no longer use helmets is because the risk of strangulation is greater than the risk of hitting their head. Helmets are used in rock climbing for protection against falling debris and our wall is static so no falling debris	Low
Spectators	Injuries	Users / Public	Medium	Spectators are not permitted into the area. Bee-line staff to ensure spectators remain outside the barriers.	Low



Assessor	Lee Hayward
Date Assessed	13 th February 2023
Review Date	Every 12 months next review 12 th February 2024

