

Risk Assessment for:	Usage of Mobile Climbing Wall	Date Carried out:	29/01/2025
Risk Assessment Carried out by:	Nathan Cole	Revision	3

Hazard	Who is at Risk?	Control Measures	Risk Rating	Additional Control Measures
Setting up of wall Injury to staff/public during the setup of the wall	Climbers, Staff, Public	• Setup only by trained competent staff following manufacturer instructions • Pre-use checklist completed • Ground suitability checked • Stabilisers/outriggers fully deployed • Wall level checked • Exclusion zone maintained during setup • Bags and equipment stored in designated area • Barriers/fencing to be stable and checked • No loose ropes or kit across climb areas	Low	
Unstable ground or site conditions	Climbers, Staff, Public	• Site assessed before setup • No operation on unsafe gradients, soft ground, voids, underground services risk, or unstable surfaces • weather and drainage considered • barriers set around operating area	Low	

Failure of Wall Structure	All Persons	- Annual Inspection to be carried out by suitably qualified person in line with BS 7883 and BS EN 795 and EN 12572 - Staff to review bolts prior to usage when feeding rope - Wall bolts for holds inspected regularly	Medium	
Hold spinning	Participant and Instructor	- Tighten any loose holds as they are discovered. - Holds to have no gaps exceeding 3mm between wall and hold - Climbing routes to be amended if hold moves during a session	Low	Holds may come loose at any point, Tools are kept with the wall to allow holds to be tightened up on site.
User Entrapment - clothing/hair	Participant and Instructor	- Good observation from instructors - Loose hair, jewellery and clothing (hoodie toggles) to be tucked in/out the way during the use of belays to prevent entrapment. - Blunt nosed safety knife to be kept in the safety box	Low	
GriGri failure	Participant and Instructor	- Belays inspected prior to every use - Used within manufactures guidelines *set up as instructed - Hands to remain on brake rope as per best practice	High	
Party Belaying	Climber, Participants and Staff	During group sessions, participants are able to act as belayers for other climbers under the direct supervision of an instructor. - Instructor to supervise session at all times - Groups to be given clear safety briefing - Activity to be stopped if behaviour deteriorates - Instructor responsible for no more than 2 wall faces which must be next to each other - Instructor to "tail" the ropes - Participants are not allowed to open the brake on GriGris	Medium	

Fall from height	Participant and Instructor	• Climber attached by staff using approved belay system • Harness fitted and checked by trained staff ○ waist belt and leg loops checked before climb ○ attachment point inspected ○ locking karabiner with gate used on climber harness ○ staff to double check harness prior to starting climb • Belayer remains in position and is attentive throughout climb/descent • Participant briefed not to climb above top holds, swing or jump unless instructed • Instructor controls lowering/decent/abseil at all times	High	
Loss of crowd control	All persons	• Use of barriers to keep the operation area clear. • Queuing systems in place and method of controlling the number of persons inside the operations area.	Low	Staff to be vigilant and remove any unwanted presence from the operating area. The police often attend the local fetes and may be of further assistance
Climber falls or swings into wall/frame Bruising, sprains, head/body impact	Climber, Belayer	• Controlled belaying in line with training at all times; • One climber per wall face • Climbers advised not to climb on other faces • Staff manage pace of climb/descent • Participants instructed not to jump unless specifically allowed by procedure	Low	
Unauthorised access to wall or equipment	Climbers, Staff, Public	• Barrired area to be used during events • wall supervised whenever accessible • equipment removed/secured when not in use • operation halted if crowd control lost	Low	

Adverse Weather - High Winds		• Wind limit set according to operating procedures and Anemeter (wind speed measurer) to be kept within kit box for usage during sessions. • Climbing to be stopped before limits are exceeded • Wall lowered/secured if required • Staff are authorised to stop the activity without approval	Low	
Adverse Weather - rain, lighting, ice, heat		• Climbing to be stopped during lighting/thunderstorms • Staff to suspend activity if the holds/surface becomes slippery • Staff to monitor heat/cold exposure • Drinking water available	Low	
Manual handling during setup and take down	Staff	• Manual Handling training provided • Staff to follow the setup/take down process detailed within the operating procedures	Low	
Vehicle movement during arrival/departure	Staff, public	• Controlled access during vehicle manoeuvring • Banksman used where needed • Setup zone cordoned off • No public access during hitching/unhitching/movement • Driver to follow location rules about driving speed and use of hazard lights	Low	
Participant medically unfit or unsuitable	Climbers, Staff	• Climbers advised not to climb if pregnant, injured, intoxicated or medically unfit. • Staff may refuse participation		
Participant Weight	Climbers, Staff	• Maximum weight of 120kg for climbers • Scales included within kit box for participants to use • Belayer should not belay anyone over 15% heavier than themselves without ground anchor • Weight Bags or ground anchors can be used to tether staff to the floor if required • Staff to be trained on supporting climbers heavier than themselves	Low	

Panic, distress or refusal to descent	Climbers, Staff	• Staff trained to reassure and lower participants safely • Activity stopped in adjacent wall face if support needed	Low	
Falling objects from climbers or structure	Staff, public	• No Phones, keys or loose items on climbers • Equipment to be secured • Exclusion zone around wall • Staff not to place loose items above head height	Low	
Fatigue of belayers	Climbers, staff	• Rest Breaks scheduled • No lone belayer operations for sessions lasting over 90 minutes	Low	
Alcohol/drugs affecting participants	Climbers, staff, public	• Climbers are not to use the wall whilst intoxicated • Staff given the right to refuse participation • Climbing Rules on display during events	Low	

Revision	Date of Review	Review Carried out By	Comments
1	29/01/2025	Alex Merrifield	• Initial Publication
2	02/02/2026	Nathan Cole	• Update of wall erection process, annual safety checks and spinning holds
3	12/04/2026	Nathan Cole and Alex Merrifield	• Update of safety guidance following annual refresher training and repair works to the wall. Inclusion of clothing hazards
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