

Risk Assessment	Live 9 Events Ltd
Activity	Rock Climbing Wall 25ft Mobile Tower – Trailer Activity

Assessor	Molly Huthwaite	Location of Assessment	NG12 3UL
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Risk Rating Matrix (RR)	Likelihood (L)		
	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)

Hazards	Who is at risk?	Controls in place	L	S	RR
Loading, handling and transportation of equipment (Related injury)	<ul style="list-style-type: none"> Customers Public Employees/Staff 	<ul style="list-style-type: none"> Trailer-mounted activities should only be moved with a suitable vehicle. Drive-on access to the set-up area is required. The area must be clear so we can safely maneuverer the trailer into its set up position. All loads must be properly secure. Individual persons should not undertake anything that puts themselves or anyone else at risk. Under no circumstances shall anyone but our staff transport equipment. Only staff who have experience or have been trained in towing should maneuverer the trailer. 	L	M	Low
Installation of equipment on site (Injury caused by: tripping over equipment, related injury)	<ul style="list-style-type: none"> Customers Public Employees/Staff 	<ul style="list-style-type: none"> The operator must have clear access to the setup area. The setup area must be level and free from any rubbish, debris and sharp objects, etc. The equipment must be inspected before, during and after installation to ensure it is free from damage. Once installed, the item should not be moved by any unauthorised persons. Always follow the manufacturer's instructions for setup and break down. Any spare equipment must be tidied away and put in a safe place. 	L	L	Low

Injury during ascent	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • All climbers are instructed on safe climbing before use. • Climbers must remain within their designated lane. • Operator monitors climbers and provides instruction where required. 	M	L	Low
Injury during descent	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • Descent is controlled by the auto-belay system and supervised by a trained operator. • Climbers must not descend without instruction. • Climbers must not swing or twist during descent. • Climbers instructed to land on their feet. 	M	M	Medium
Descend onto waiting climbers	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • The wall is fenced off. • Maximum 4 climbers within the activity area at any time. • Landing area kept clear of other participants. 	L	L	Low
Head Injury	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • Climbers are briefed on how to descend correctly • Staff supervision at all times • Any loose objects/items to be removed from pockets and left in the harnessing area 	L	L	Low
Injury due to slipping	<ul style="list-style-type: none"> • Customers • Employees/Staff 	<ul style="list-style-type: none"> • All holds checked before operation of the wall • Annual safety testing of wall carried out externally which also checks the holds condition • All operating staff to be trained on daily checks 	M	L	Low
Climbers making contact with the trailer whilst ascending or descending	<ul style="list-style-type: none"> • Customers 	<ul style="list-style-type: none"> • Climbers are briefed on safe ascent and decent during harnessing • Climbers are supervised on their ascent and decent at all times by a trained staff member • Trailer stabilisers are positioned to the rear of the climbing wall and out of the direct path of the climber, however should be covered with padding 	L	L	Low
Wall lowered whilst being used	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • Hydraulic motor that lifts the wall has an isolation key which is kept on climbing wall operator while the wall is in use 	L	H	Medium
Wall toppling	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • Hydraulic motor that lifts the wall has an isolation key which is kept on climbing wall operator while the wall is in use • Staff trained to position wall correctly with use of extended jacks • Wind speed is monitored. Safe operation limit is 30mph, however at 24 mph use of the wall will be suspended until wind levels decrease or it is deemed necessary to lower the wall • Manufacture recommends safe operation to 30mph 	L	H	Medium

		<ul style="list-style-type: none"> Forecast checked prior to the event date, during event wind speed is monitored 			
Suspension injury from loose clothing	<ul style="list-style-type: none"> Customers 	<ul style="list-style-type: none"> Climbers instructed to remove loose items and clothing during harnessing 	L	L	Low
Injury from unsupervised use	<ul style="list-style-type: none"> Customers Public 	<ul style="list-style-type: none"> Restrict access when not in use Equipment will only be operated by our fully trained staff members Under no circumstances will anyone untrained be able to operate the activity 	L	H	Medium
Failure of belay cables	<ul style="list-style-type: none"> Customers Public Employees/Staff 	<ul style="list-style-type: none"> All cables checked for wear, frays, rust and kinks prior to operating the wall Check by the crip to ensure there are no broken strands Check cable is tracking along the pulley without restriction Check for no cable slack in front or behind the wall Equipment is serviced and inspected annually by a competent person. Log of equipment checks kept with climbing equipment in the lock box. Any defective equipment is removed from use immediately. 	L	H	Medium
Hydraulic failure	<ul style="list-style-type: none"> Customers Employees/Staff 	<ul style="list-style-type: none"> Hydraulic system maintained and checked in accordance with manufacturer guidance. System checks carried out before opening. Backup safety systems in place to prevent uncontrolled descent. 	L	H	Medium
Climber panic or releasing grip at height	<ul style="list-style-type: none"> Customers 	<ul style="list-style-type: none"> Descent controlled by auto-belay system. Climbers instructed before use. Operator supervises all climbers at all times. 	L	M	Low
Ability	<ul style="list-style-type: none"> Customers 	<ul style="list-style-type: none"> Climbers must climb within their ability and follow operator instructions. 	L	M	Low
Harness, other climbing hardware	<ul style="list-style-type: none"> Customers Employees/Staff 	<ul style="list-style-type: none"> Harness and equipment are checked prior to operating the wall Log book of equipment checks kept with climbing equipment in the lock box 	L	H	Medium
Overcrowding	<ul style="list-style-type: none"> Customers Public Employees/Staff 	<ul style="list-style-type: none"> There are a maximum of four climbers who can use the wall at any one time There is a minimum of one instructor to a maximum of four climbers The wall is fenced off. Only four climbers are allowed within this area at any one time 	L	L	Low

Operation of equipment on site (Injuries caused by: overcrowding of the area, lack of supervision, not following operating rules)	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • All climbers must be within 18kg to 113kg and a minimum of 106cm, it is possible for a child weighing less than 18kg to climb the wall as long as the harness is properly fitted, in line with manufacture recommendations a climbing rope should be attached with the child's harness should the child need to be assisted down from the wall after the climb. • A climb should not commence should the cable not begin to retract as the climber starts their ascent, this is monitored by the staff member. • Participants not to overcrowd the area and keep a clear space around the item. The wall is fenced off. Only four climbers are allowed within this area at any one time. • Equipment will be operated by our fully trained staff members. • Before each group enters the operator will explain safety rules to them and harness all climbers ensuring the harness is fitted correctly and is secure. • Under no circumstance will anyone untrained be able to operate the activity. • Spectators should be away from the equipment and not allowed to interfere with the equipment in any way. Spectators advised not to distract climbers. • Only our staff can operate this item, staff are trained by a manager and signed off when deemed competent before being able to operate without manager supervision. • Climbers should not climb higher than in reach of the buzzer located in their lane. 	L	L	Low
Weather	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • Wind speed is monitored. Safe operation limit is 30mph, however at 24 mph use of the wall will be suspended until wind levels decrease or it is deemed necessary to lower the wall • Manufacture recommends safe operation to 30mph • Forecast checked prior to the event date, during event wind speed is monitored • Equipment should not be used outdoors in extreme weather conditions or if weather warnings are in place. 	L	M	Medium
Injury through equipment defect (Injuries caused by: equipment integrity)	<ul style="list-style-type: none"> • Customers • Public • Employees/Staff 	<ul style="list-style-type: none"> • All equipment has a visual inspection on set up and pack down, any dangerous defects are reported to the operator and equipment is taken out of action until required remedial works have been carried out. 	L	M	Low

Date of Assessment	07/05/2025	Status	Completed By:
Re-assessment Date	24/02/2026	<i>M.Huthwaite</i>	Molly Huthwaite