

**RISK ASSESSMENT**

**MOBILE CLIMBING WALL**

<b>HAZARD</b>	<b>PEOPLE AT RISK</b>	<b>RISK CONTROL</b>	<b>FURTHER ACTION</b>
No defined Supervisor	All	Each must have a defined Supervisor	
Overhead Cables and Trees	All	Check area carefully prior to setting up wall.	
High Winds or extreme weather	All	Check wind speed. If greater than 30 mph or heavy rain or lightening is due, the wall must not be erected.	Read weather report
Spectators	All	Spectators must not be allowed into the working area.	
Incorrect wall erection	All	Staff to be trained, in-house, on wall operating and safety procedures. Supervisor must read manufacturer's instructions prior to erecting wall.	See erection instructions over.
Contamination disease	All participants	Hand gel should be used prior to climbing wall and at end of climbing session to stop cross-contamination.	Provide hand gel
Crush injury during erection and lowering process	All	All non-essential persons to be kept well clear of wall and trailer during erection and lowering processes.	Suitable safety area to be established/marked out
Falling from height	All participants	Participants to climb on wall only when properly attached to a suitable belay system.	Close staff supervision and reinforcement throughout session
Hitting head	All participants	All participants and staff must wear an appropriate helmet within the climbing area.	Close staff supervision and reinforcement throughout session
Burns to hands	All participants	The use of gloves to be considered when using dynamic belay systems.	

Equipment failure	All	<p>All equipment to be checked prior to use. Any equipment found to be damaged or suspect to be withdrawn until either repaired or replaced.</p> <p>All equipment to correspond to relevant specification (UIAA or CE).</p> <p>Regular checking/replacement (as per replacement schedule) / maintenance of equipment</p>	Withdrawn equipment to be suitably marked and withdrawn from climbing store
Ill-fitting equipment	All participants	All participants to have their personal protective equipment checked by qualified person before ascending the wall.	
Failure of belay system	All participants	<p>Participants to belay only under staff supervision. A failsafe system should be used if there is any staff concern.</p> <p>Only recognised belay systems to be used.</p>	
Extreme weather	All	If an electrical storm or other extreme conditions are expected, the session must not proceed.	Weather forecast obtained prior to commencing session
Medical emergency	All participants	<p>First aid available at all times.</p> <p>Participants' personal medication to be available if required.</p>	

**Check ground conditions, apply trailer handbrake,  
detach towing vehicle.  
Level bubble must be inside the lines before going further.  
Drop front door side skirt, open door and check all bolts  
and fasteners are in place  
Ensure that none are missing.**



**Secure site.**

**Extend the four legs and struts, Fix 2 bolts per leg 1 bolt per strut  
Fit adjusters, make firm.**



**Lower the flaps on all faces at ground level**



**Use ladder to fit suitable climbing gear.  
Minimum of 2 ropes, one each side.**



**Use ladder to access wooden cover protectors, remove  
4 bolts and store ready for fixing Gantry.**



**Use ladder, remove holding down strap at the  
front of the Gantry and allow it to rise.  
Use the ropes to pull the Gantry into position.  
Fix with the 4 bolts from wooden spar fixing.**



**Raise top section - Right lever push forward.  
When fully up - using the ladder - fit 6 locking pins and then lower wall onto them.**



**Raise the middle wall - Left lever push forward.  
When fully up - using the ladder - fit 6 locking pins  
and then lower wall onto them.**



### **Operation of overhangs**

**Using the harness climb up to the side of  
the overhang, release them and pull them forward.  
Swing the hinged flaps out and secure.**

