

<b>Activity Area:</b>	<b>Mobile Tower</b>
<b>Minimum Staffing Level</b>	1 Instructor per group
<b>Staff/Pupil Ratio</b>	1:12
<b>Staff Qualifications</b>	In-house Training MIA assessed
<b>Maximum Number of Participants</b>	15
<b>Role of Accompanying Adult:</b>	Supervision of group at tower base

Risk Matrix Consequences	Likelihood			
	Very Likely	Likely	Unlikely	Highly Unlikely
Fatality	High -16-	High -15-	High -14-	Medium -13-
Major Injuries	High -12-	High -11-	Medium -10-	Medium -9-
Minor Injuries	High -8-	Medium -7-	Medium -6-	Low -5-
Negligible Injuries	Medium -4-	Medium -3-	Low -2-	Low -1-

Hazard	Persons at risk	Prior Risk	Control Measures	New Risk Factor
Faulty Equipment	Participants, Instructors	High 12	All equipment should be checked by the Instruction Staff Member prior to and during the session.	Medium 9
Equipment	Participants Instructors	High 8	Staff Member to brief participants on the correct usage of the equipment. Staff Members should remain vigilant to ensure participants are using equipment as briefed. Participants to be adequately spaced out before using equipment.	Medium 5
Participants	Participants Instructors	High 8	Staff Members to brief participants to stay in their own lane on the wall and to avoid touching each other and each other's cables. Staff Members to ensure there is good participant control during the session.	Low 5
Climbing Wall	Participants, Instructors	High 12	Staff Members to always watch participants and brief the participants on how to descend safely, including repelling feet first only and not kicking back off the wall more than 3 foot. Staff Members to brief the participants not to climb until instructed to do so. Staff Members to always remain vigilant. Controls taken away when wall not in use. Climbing wall to be left in a way that makes it secure (cables to be padlocked to wall). Wall to be checked daily by Senior Staff Member and appropriate paperwork completed.	Medium 9
Falls	Participants, Instructors	High 12	Experienced users only permitted or those under supervision, crash mats in place. User risk explained and controlled jump down demonstrated from lower heights. Climbers also warned about walking or climbing under or near others above them.	Medium 9
Crush injury during erection and lowering process	Participants Instructors Observers	High 16	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	Medium 13
Surfaces	Participants, Instructors	High 8	Area checked for hazards before session. Participants checked to ensure they are wearing suitable footwear.	Medium 6
Over-exertion	Participants, Instructors, Observers	High 8	Staff Member to ensure a thorough warm-up is carried out prior to the activity starting.	Low 5
Electrocution	Participants, Instructors, Observers	High 12	Tower to be PAT tested each year with accompanying power leads. RCD must be in line with tower. Tower not to be run in the rain.	Medium 9
Climbing Holds	Participants, Instructors, Observers	High 8	Holds are to be checked for serviceability prior to use. When holds that are loose on the wall are detected, they are to be tightened with a suitable 'Alan key' tool.	Low 5

Mobile Climbing Tower  
06/03/2026 Date of next review 06/03/2027 RA Creator CW

Weather	Participants Instructors Observers	Medium 4	Instructor to monitor weather & suspend or cancel session when conditions cause safety to be affected. Instructor to check that all participants have suitable clothing prior to commencing the activity. Instructors must always wear appropriate clothing to run the activity safely. Appropriate clothing, time out of sun, fluid breaks. If it is hot, ensure participants wear sun cream and hats and there is a shaded area available. If it is cold, ensure participants are wearing suitable clothing to keep warm. The session must be immediately suspended if lightning strikes.	Low 1
Winch line				
Snapback/Whipping		High 8	Never stand in line with the cable. Are to be kept clear on nonessential personal. Clear communication to be used while operating.	Low 5
Overloading		Medium 4	Ensure the winch and rigging (shackles, slings) are rated for the load and never exceed capacity.	Low 1
Cable Integrity		High 8	Cable to be checked before use. Any broken or frayed cables are to be drawn to the duty manger attention immediately	Low 5
Operator Safety		High 8	Wire rope should not be held during operation of winching in or out. Never touch the wire rope while it is under tension.	Low 5
Loss of Control		High 8	Rigging or winching across steep slopes can lead to runaway loads.	Low 5