

Indoor Climbing Wall

Activity Area: Indoor Climbing Tower

Minimum Staffing Level: 1 Instructor per group

Staff/Pupil Ratio: 2:12 (1:1 when climbing)

Staff Qualifications: In-house Training MIA assessed

Max Participants: 12

Role of Accompanying Adult: Supervision of group at tower base

Hazard	Outcome/Injury	Persons at risk	Rating	Existing Controls
Fall from height	Death, serious injury	Participants, Instructors	3 - 1	Staff and participants clipped to safety line at start of climb. Correctly fitted helmets and harnesses worn by all participants and staff. Participant descent controlled by trained instructor via safety rope. Tower secured against unsupervised access.
Equipment failure	Death, serious injury	Participants, Instructors	4 - 1	All equipment checked by instructors prior to use. Daily and weekly equipment checks carried out.
Objects falling from structure	Head or bodily injury	Participants, Instructors Observers	4 - 3	Correctly fitted helmets must be worn within designated area. Base of tower and immediate area out of bounds to casual spectators
Contact with wall during ascent or descent	Head injury, back injury, sprains, cuts, grazes, bruises	Participants, Instructors	2 - 3	Correctly fitted helmets worn while climbing/abseiling. Correct technique described by trained instructors. Suitable clothing should be worn (including footwear) Long hair and loose clothing or items of jewellery safely tucked away. Instructors trained in rescue techniques.
Belay equipment	Cuts, crush injury, bruising	Participants, Instructors	3 - 3	Instructors trained in correct use of belay equipment. Belay equipment checked for defects prior to use.
Structural failure	Death or serious injury	Participants, Instructors, Observers	4 - 1	Climbing structures subject to inspection by an independent engineer.
Harnesses and helmet incorrectly fitted	Death or serious bodily injury	Participants, Instructors Observers	3 - 1	Instructor to brief all participants on the correct fitting of harnesses and helmets prior to commencing the activity. Instructor to check each individual's harness and helmet immediately before they ascend the wall.
Unauthorised Access	Death or serious injury	All	3 - 1	Group Leader briefing, signage & controlled access. Area locked and secure when not in use
Instructor/contractor access at top of tower.	Death or serious injury	Instructor Contractor	4 - 1	Safety line to be in place at all times with access equipment to be used at all times. Contractors to be supervised at all times by senior climbing instructor.

Key

Rating: Likelihood (1 = Very high, 2 = High, 3 = Medium, 4 = Low) - Consequence (1 = Fatal 2 = Major injury 3 = Minor Injury 4 = No injury)