

Activity Area:	Indoor Climbing Wall
Minimum Staffing Level	1
Staff/Pupil Ratio	1:1 When belayed 1:2 Auto belay
Staff Qualifications	In-house Training MIA assessed
Maximum Number of Participants	20
Role of Accompanying Adult:	Supervision of group at base

Risk Matrix	Likelihood			
	Very Likely	Likely	Unlikely	Highly Unlikely
Consequences	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
Fall from height	Participants, Instructors	High 16	Staff and participants clipped to safety line at start of climb. Correctly fitted harnesses worn by all participants and staff. Participant descent controlled by trained instructor via safety rope. Auto belays service via external manufacturer. Tower secured against unsupervised access.	Medium 13
Equipment failure	Participants, Instructors	High 16	All equipment checked by instructors prior to use. Daily and weekly equipment checks carried out.	Medium 13
Objects falling from structure	Participants, Instructors, Observers	High 12	Only senior staff are to access the upper tower. All anchor points checked by senior staff monthly.	Medium 9
Contact with wall during ascent or descent	Participants, Instructors	High 8	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.	Medium 6
Trapping of fingers in belay equipment	Participants, Instructors	High 8	Instructors trained in correct use of belay equipment. Belay equipment checked for defects prior to use.	Medium 6
Ascending/descending access ladders / steps	Instructors	High 12	Only senior staff permitted at the top of the tower.. Training on additional activity specific equipment for use with fall arrest at the top. Fall arrest used for ascending and descending ladders.	Medium 10
Structural failure	Participants, Instructors, Observers	High 16	Climbing wall checked every Friday and before every use. Hand holds checked monthly. Climbing structures subject to inspection by an independent engineer.	Medium 13
Harnesses incorrectly fitted	Participants, Instructors, Observers	High 16	Instructor to brief all participants on the correct fitting of harnesses prior to commencing the activity. Instructor to check everyone's harness immediately before they climb. Regular assessment off staff in line with Apprentices framework.	Medium 13
Incorrect descending technique	Participants	High 8	Instructor to brief all participants before abseiling the wall. Instructor observes participants abseiling to make sure they are descending correctly	Medium 6
Unauthorised Access	All	High 16	Group Leader briefing, signage & controlled access. Area locked and secure when not in use. CCTV coverage in the tower.	Medium 13

Instructor/contractor access at top of tower.	Instructor Contractor	High 16	Safety line to be always in place with access at the top of the tower. Contractors to be always supervised by approved person.	Medium 13
TruBlue Auto Belay				
Equipment failure Not arresting fall damage to webbing	Participants, Instructors	High 16	All equipment checked by instructors prior to use. Daily and weekly equipment checks carried out. Instructors trained on how to look for wear and how to check equipment prior to use. Weekly checks in operation. Monthly in-depth checks in operation. Essential in-depth check with dismount of device in operation. Sent off for yearly check by manufacturer. If webbing is damaged it will be put out of use until it is serviced by the manufacture.	Medium 13
Device falling from height	Participants, Instructors Observers	High 16	Device anchored to the top with locking carabiner with secondary anchor point as back up.	Medium 13
Entrapment by helmet	Participants, Instructors	High 16	Helmets are not permitted on any auto belays.	Medium 13

