

Sherratts Wood Junior Climbing Wall Risk Assessment

Risk Level Estimators

The following matrix is the one used in the written risk assessments for The Junior Climbing Wall located as part of the Climbing and Abseil Tower at Sherratts Wood.

This risk assessment is specific to Sherratts Wood.

The terms Team Leader, Activity Leader, Leader and Supervisor are used interchangeably throughout this document. That is, it is the person in charge of the climbing activity full life cycle.

Risk level matrix

LIKELIHOOD		SEVERITY							
		Extreme 8	Very high 7	High 6	Serious 5	Moderate 4	Minor 3	Slight 2	Minimal 1
Always	8	64	56	48	40	32	24	16	8
Frequent	7	56	49	42	35	28	21	14	7
Very Likely	6	48	42	36	30	24	18	12	6
Likely	5	40	35	30	25	20	15	10	5
Occasional	4	32	28	24	20	16	12	8	4
Rare	3	24	21	18	15	12	9	6	3
Exceptional	2	16	14	12	10	8	6	4	2
Unlikely	1	8	7	6	5	4	3	2	1

INTERPRETATION	
SEVERE	Apply further control measures until low is achieved. If this is not possible, cancel the activity.
HIGH	Apply further control measures until low is achieved. If this is not possible, cancel the activity.
MEDIUM	Apply further control measures until low is achieved. If this is not possible, cancel the activity.
LOW	No further action normally required – control measures considered suitable and sufficient.
MINIMAL	Only of statistical interest but will require review

NB This penalises those outcomes with a high severity constituent

LIKELIHOOD AND SEVERITY RATING

Risk level = Likelihood x Severity

SEVERITY can be assessed on a scale of one to eight.

8	Extreme	Causing multiple deaths and widespread destruction.
7	Very high	Causing death or serious injury to an individual.
6	High	Permanent disabling injury (or disease) to an individual.
5	Serious	Disabling injury involving an individual in more than 28 days lost time.
4	Moderate	Serious injury involving an individual in between 4 and 28 days lost time.
3	Minor	Minor injury involving up to 3 days lost time.
2	Slight	Causing minor injury that, after first aid on site or at a local surgery, involves no lost time.
1	Minimal	No injury or disease. Of statistical interest only.

LIKELIHOOD OF OCCURRENCE can be assessed on a scale of one to eight.

8	Always	Everyday occurrence in the District.
7	Frequent	Weekly occurrence in the District.
6	Very Likely	Occurs once every few months in the District
5	Likely	Event has or could occur about once a year in the District.
4	Occasional	Event has or could occur once every 1-5 years in the District.
3	Rare	Event has or could occur once every 5-10 years in the District.
2	Exceptional	Event has or could occur once every 10 –30 years in the District.
1	Unlikely	Event has or could occur sometime over 30 years in the District.

ACTIVITY	HAZARD	PERS ONS AT RISK	SEVE RITY	LIKELI HOOD	LEVE L OF RISK	CONTROL MEASURES	REFERE NCES
Use of centre for any purpo se	Effects and conseq uences of fire	All users	8	2	16 (Low)	1. Leaders of activity to have completed familiarisation process. 2. Activity leader to ensure means of escape are not obstructed. 3. Provision of: ▪ 'Means of Escape' signs ▪ Fire extinguisher ▪ Notice "Action in case of fire" ▪ Emergency lighting	
	Electroc ution	Users of electri cal equip ment	8	2	16 (Low)	1. All sockets provided with RCD protection. 2. Building has been rewired to up to standards 3. All electrical appliances inspected annually. 4. All mains electricity junction boxes are waterproof. 5. All Light switches are waterproof. 6. All bell presses (for the climbing competitions) and associated bells are fed from a double insulated low voltage transformer.	
	Food poisoni ng	All users	6	2	12 (Low)	1. The Instructor/Leader/Supervisor Team and the climbing wall manager will not provide food and drink to wall users. It is therefore the responsibility of the user group leadership to ensure their climbing and belying participants have adequate food and drink. 2. The user group leadership will be responsible for the removal of all food and drink waste (e.g. bottles, wrappers, unconsumed food) from the facility. Bins exist in the area for this purpose.	
	Slips, trips and falls on floor	All users	4	2	8 (Low)	1. Safety inspection programme includes ground covering. 2. No cables allowed across circulation area. 3. Activity leader to ensure no bags, clothing etc left on floor.	
	Falling up/ down the stairs.	All users	8	2	16 (Low)	1. For the Junior Wall there is no need for climbing participants to climb the stairs within the tower. 2. For the Leaders/ Supervisors. Lighting has been provided on all floors. 3. The lighting switch is located on the ground floor.	

ACTIVITY	HAZARD	PERSONS AT RISK	SEVERITY	LIKELIHOOD	LEVEL OF RISK	CONTROL MEASURES	REFERENCES
Use of climbing wall	Fall to ground whilst climbing due to failure of in-situ eqpt.	Climbers	8	1	8 (Low)	1. All equipment subject to rigorous inspection & renewal programme and record keeping.	FS 120411 specifically refers and see also https://www.sswac.co.uk/documents/ref/scout/FS120084_scout_led_activities_index.pdf
	Fall to ground whilst climbing due to failure or incorrect fitting of non-in-situ equipment.	Climbers	8	2	16 (Low)	1. Equipment inspected before use. 2. All equipment subject to rigorous periodic safety inspection programme & record keeping. 3. Activity Leader will check all climbers have correctly fitting PPE. 4. All eqpt. checked before each climb by belayer/leader/supervisor.	FS 120411 specifically refers and see also https://www.sswac.co.uk/documents/ref/scout/FS120084_scout_led_activities_index.pdf
	Items of clothing, jewellery becoming trapped in belay device	Belayers	5	3	15 (Low)	1. All climbers checked by supervisor before entering the climbing wall area. 2. NB. Include check on shoelaces.	
	Persons with long hair. Hair becoming trapped in belay device,	Belayers	5	3	15 (Low)	1. Rope leader/supervisor to ensure that belayer participants have hair tied back with a hair bobble/elastic band.	
	Failure of eqpt due to incorrect loading	Climbers	8	2	16 (Low)	1. Authorised person on each rope to continuously check loading on karabiners.	
	Injury to participants below climbers due to falling items such as mobile phones and coins	Belayers	5	3	15 (Low)	1. As part of initial briefing the session leader will ensure that no participant has unsecured objects about their person.	

ACTIVITY	HAZARD	PERS ONS AT RISK	SEVE RITY	LIKELI HOOD	LEVE L OF RISK	CONTROL MEASURES	REFERENCE S
	Soft tissue injuries – strains and sprains	Climbers	6	2	12 (Low)	1. Activity leader to ensure 'warm-up' & 'warm-down' exercises.	
	Soft tissue injuries - splinters	Climbers	6	2	12 (Low)	1. Activity leader will tell climbing participants that only the climbing holds will be used for climbing ascent. 2. Activity leader will tell climbing participants not to touch the wall during descent.	

