

Activity Area:	3G Swing
Minimum Staffing Level	1 Instructor
Staff/Pupil Ratio	1:12
Staff Qualifications	In house
Maximum Number of Participants	20
Role of Accompanying Adult:	Supervisor

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

Hazard	Persons at risk	Prior Risk	Controls Measures	New Risk Factor
Slips, trips and falls	Participants, Instructors, Observers	High 12	Participants warned of the dangers of running around the 3G area and advised to wait in the shelter area. First Aid kit available at all times.	Medium 9
Unqualified staff	Participants	High 12	Only qualified staff to run the swing who have been signed off in accordance with the operating procedures.	Medium 9
Falling objects	Participants, Instructors, Observers	High 12	Participants asked to remove object from pockets and ensure shoes are fastened prior to swinging. All apparatus checked in line with inspections procedure.	Medium 9
Incorrectly fitted harness / helmet	Participants, Instructors	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. All instructors have been trained and signed off by external MIA	Medium 13
Faulty apparatus	Participants, Instructors, Observers	High 16	Regular inspection by trained staff and a yearly inspection by an externally qualified inspector.	Medium 13
Falling whilst accessing the course	Instructors	High 8	Staff to follow SOP of setting up and taken down. No self-belaying up any poles. Only appropriate approved staff to access the course.	Low 5
Hair, clothing, or jewellery trapped in equipment	Participants, Instructors, Observers	High 12	Participants briefed to tie hair back and remove any objects / jewellery that could become trapped.	Medium 9
Entanglement	Instructors	High 8	Instructor to be aware of pulling back the height restriction rope to avoid tangling the swing and participants.	Low 5
Incorrect posture on swing beam	Participants, Instructors, Observers	High 8	Participants to hold the bar and not the wire. Users to be seated on the supporting seats on the main bar.	Low 5
Incorrect fitting onto swing beam	Participants, Instructors, Observers	High 12	The harness fitted loop must be secured over the welded eye and the karabiner over the top to ensure the harness cannot come off the eye. Staff training in accordance with SOP and signed off by external MIC advisor.	Medium 9
Swing pendulum impact	Participants, Instructors, Observers	High 8	No one to be allowed into swing area whilst the swing is in operation.	Medium 6

Pulling the release cord	Participants	Medium 4	Participants to be shown how to pull the release cord.	Low 1
Participants stuck in air	Participants	Medium 4	Instructor to lower the participants down on an Italian hitch back to the platform as per SOP.	Low 1
Lightning	Participants, Instructors Observers	High 16	Instructor and management to monitor weather conditions. Activity to be stopped in the event of lightning.	Medium 13
Unauthorised access	Participants	High 12	Group Leader briefing, signage & controlled access. No items to be left out overnight.	Medium 9

Walesby
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