

HARVEST ROCK CENTRE RAMS (Last Updated March 2017)

HAZARD	RISKS	HAZARD MANAGEMENT/ CONTROL
1. Incorrect attachment to rope.	<ul style="list-style-type: none"> Falling Physical injury Emotional injury 	<ul style="list-style-type: none"> Teach correct tying in method to each person. Teach and enforce buddy checks. Educate on importance of checks Have instructor on the floor so that mistakes can be spotted
2. Incorrect/unsafe Belaying technique	<ul style="list-style-type: none"> Dropping climber Rope burns to belayer Harm to climber (emotional or physical.) 	<ul style="list-style-type: none"> Teach correct belay methods and enforce these. Also explain why this is important. Have minimum belayer age. (14 years) Constant instruction to people so that bad habits are avoided
3. Projections from wall. (Arêtes cracks, blocks etc.)	<ul style="list-style-type: none"> People falling into these. Physical injury 	<ul style="list-style-type: none"> Set climbs that avoid falls onto these if possible. Teach people how to fall correctly (feet first) Climbing within the limits of the person and the set route, ie: no traverses.
4. Lead bolts	<ul style="list-style-type: none"> Injury from falling while holding these. 	<ul style="list-style-type: none"> Teach people to not ever touch them and enforce this. Have first aid knowledge and equipment to deal with injuries that may occur.
5. Human behaviour	<ul style="list-style-type: none"> Inappropriate behaviour distracting climbers, belayers and wall staff. Excessive peer pressure leads people out of their comfort zone. 	<ul style="list-style-type: none"> Have set boundaries for climbers/ non-participants. Explain rules of centre wall floor; no running, yelling, food or drink. Tell people that they only have to climb what they want and encourage them to come down when they want to. Wall staff and volunteers are to discourage people from forcing others to continue
6. Climbing equipment	<ul style="list-style-type: none"> Failure of equipment through misuse. Failure of equipment from damage Damage to equipment leading to failure. 	<ul style="list-style-type: none"> Educate about proper use and care of equipment. Eg: ropes and carabineers. Ensure that regular checks are carried out to prevent unsafe gear from being used. Retire or destroy any damaged equipment to prevent future use.
7. Person becomes stuck on the wall.	<ul style="list-style-type: none"> Climber gets stuck in a crack or bolt, Person will not let go to be lowered. Grigri jams 	<ul style="list-style-type: none"> Wall staff to know rescue techniques to deal with stuck climbers. Wall staff must know how to break into a belay system. Climber is to be encouraged to down climb or let go by wall staff and volunteers.
8. Permanent fixtures not on climbing wall: Speakers and screen beam	<ul style="list-style-type: none"> People falling into or onto these. Speakers falling onto people below. 	<ul style="list-style-type: none"> Set climbs that don't allow people to swing or fall onto speakers or speaker beam Ensure that speakers are well attached. Tell climbers that the beam is not a climbing fixture.
8a. the Stage	<ul style="list-style-type: none"> People using it as a foot hold Stage falling onto belayers, other people. 	<ul style="list-style-type: none"> Ensure that stage is well attached to wall before each session. Tell people that the stage is not to be tampered with.
8b. Ceiling beam	<ul style="list-style-type: none"> Injury from people swinging into the ceiling beam. 	<ul style="list-style-type: none"> Set climbs that don't let people take swings into the beam. Pad the beam with foam so that sharp corners are covered and any impact is lessened.
9. People climbing without ropes. Bouldering	<ul style="list-style-type: none"> Falls resulting in injury Bad role modelling for other climbers who may not understand the sport. 	<ul style="list-style-type: none"> Groups are NOT allowed to climb without a rope attached to them. Boulderers MUST not climb so their hands are above the first bolt. And may only climb when the gym is empty. Boulderers must understand the risks involved in the sport and adhere to the rules set out by wall staff.