

Assessment of:	Rock Climbing and Scramble		
Location:	Onsite, Quarry Face, Offsite Black Rocks	Date of assessment:	January 2024
Completed by:	Bernard Müller	Expiry Date:	February 2025
Ratio:	1:12 Max and Min 1 Group Leader	Staff Competencies	RCI or Internal training by activity Manager & separate assessment of competence by CEO or Technical Advisor. Must have suitable group management experience.
Activities Covered:	Rock Climbing Onsite and Scrambling at Black Rocks	Specific Emergency Procedure:	Should an incident occur in which immediate threat to life or limb occurs: Return casualty to the ground. Give first aid Call for immediate assistance.

Hazard (something with the potential to cause harm)	Risk (how could the hazard cause harm, and who could it harm)	Control Measures (what is required to reduce the risk)	In Place (Y/N)	Action Required	Action Owner	Residual Risk (assuming all controls in place; Low, Med, High)
Unattended Equipment	To Unauthorised personnel: Physical injuries, fractures, or	Remove kit after session and do not leave unattended for long periods. Access to top anchors always kept secured. Equipment kept secured when not in use.	Y Y	Kit not to be left out for long periods when not in use.	Activity Mgr & Activity Instructors	LOW

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Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

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	death from falls from height.					
Adverse weather conditions – Cold, wet, windy, Hot	To staff, volunteers, participants, To All; danger of lightning strike, resulting in death or serious injury	Instructors to monitor weather conditions before and during session. kit list to be sent in advance of arrival with suitable clothing list. spare clothing in centre for those under-prepared participants. Sun cream to be available for everyone in the centre. Water available whilst on session in hot conditions. Monitor thunderstorm potential and lightning risk, evacuate the course in the event thunderstorms threaten.	Y Y Y Y Y	Weather conditions monitored. Fleeces/ waterproofs issued to group as appropriate	Activity Manager & Activity Instructors	LOW

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Medical emergency whilst climbing	To All: Risk that someone may experience prolonged wait for medical attention. Resulting in long term complications, bleeding out, shock symptoms, and or death	All instructors to be trained in Outdoor FA. Portable first aid kit available. Participants to bring their own medications to the session and carry them throughout if necessary. Any pre-existing medical conditions to be declared in advance of activity being undertaken. Consent form signed. Instructors to be able to rescue participant from route safely and effectively if required, using appropriate method to qualification.	Y Y Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process. Training to be logged on Cinolla.	Activity Mgr & Activity Instructors	LOW

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Manual handling (activity set-up)	To Staff, Volunteer: Risk of muscle injuries, strains, bruising, cuts, falls, head/spinal injuries, death	Only carried out by staff trained in setup Heavy equipment carried in appropriate bags. Ask for assistance if required. Work in pairs where possible Staff trained in Manual Handling (T.I.L.E. Methodology. Task/Individual/Load/Environment; awareness of importance of each of these in an outdoor scenario)	Y Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process. Training to be logged on Cinolla. Manual handling training	Activity Mgr & Activity Instructors Centre Mgr.	LOW

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Incorrectly fitted PPE	To All: Risk of Falls, compression injuries, head/spinal injuries, cuts, death	Safety instructions given from instructors at start. Harnesses and helmets to be fitted at start of session, only removed in controlled designated area. Constant vigilance by trained instructors. Harnesses and helmets to be rechecked before climb. Correct harnesses and helmets fitted for participant.	Y Y Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process. Training to be logged on Cinolla.	Activity Mgr & Activity Instructors	LOW
Faulty Equipment	To All: Risk of muscle & impact damage, head/spinal injuries, death	All equipment checked by trained instructors prior to use. Harnesses and helmets to be checked before climb. Visual check of any climbing hardware or rope before use.	Y Y Y	Activity Mgr or designated lead to carry out quarterly inspections of equipment and log on Papertrail	Activity Mgr & Activity Instructors	LOW

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		All faulty equipment to be condemned and quarantined to eliminate chance of being brought back in circulation	Y	PPE checks to be logged on Papertrail		
Falling due to incorrectly attached equipment	To All: Risk of falling from height, impact injuries, cuts bruises, broken limbs, spinal/head injuries and death	Group size limited to max 12 participants Safety brief given to all participants in the activity. Only qualified of in-house trained instructors to setup and lead activity. Anchors to be checked and weighted before use, and load implications examined/checked. Instructor to ensure participants are tied in with figure of 8 knot or tri-action locking carabiner.	Y Y Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process. Training to be logged on Cinolla.	Activity Mgr & Activity Instructors	LOW

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Inadequate supervision.	To Participants: Risk of minor injuries, cuts, bruises, abrasions, impact injuries, head/spinal injuries, death	Ratio of instructors to participants controlled to effectively manage the group. Maximum of 2x rigged rope climbs per instructor, operating in close proximity. Unless instructor has been signed off by TA to supervise more. Safety brief given to all participants taking part in the activity. Ask group leader to help supervise the group. Clearly defined 'safe' areas for waiting participants, away from immediate base of crag. Climbing session only run in pre-determined on-site location, and in a bottom rope scenario. No top-rope or topping out allowed.	Y Y Y Y Y	Booking Coordinators to inform group leaders of expected ratio's. Instructors to monitor group sizes and effective group management Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process.	Booking Coordinators Activity Mgr & Activity Instructors	LOW

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Falling from height	To All: Cuts, bruises, burns, impact injuries, head/spinal injuries, death	Climbing routes only rigged by qualified, or in-house trained instructors. Belaying always closely supervised by instructor; 2 ropes maximum per instructor, unless TA has signed off instructor to supervise more. All PPE checked before use in line with Operating Procedure. Clearly defined heights & correct spotting technique if un-roped.	Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process. Training Logged on Cinolla PPE checks to be logged on Papertrail	Activity Mgr & Activity Instructors .	LOW
Participant missing safety critical instructions	To Participants: Risk of facial and neck injuries Risk of impact injuries	Full co-operation from group leaders in group control and discipline. Clear instructor briefing at beginning of session. Instructor to remain vigilant and repeat instructions before climbing starts.	Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction	Activity Mgr & Activity Instructors .	LOW

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	and spinal damage	Participants always supervised whilst belaying; maximum of 2x roped climbs in use (unless instructor signed off to supervise more) at same time, and always in close proximity to one another.	Y	visits and observations TA to spot check training/induction process. Training logged on Cinolla.		
Entrapment in the ropes.	To All: Risk of hair, hands or neck being caught in rope; cuts, abrasions, lacerations, bruising, spinal damage, death	Ensure all hair is tied back and not able to get caught in rope/carabiner/belay device. Instruct participants not to touch belay device or hold fingers too close. Clear brief given by instructor on correct methods.	Y Y Y	Instructors to be trained and inducted by appropriate senior Mount Cook activity staff. Including specific site induction visits and observations TA to spot check training/induction process.	Activity Mgr & Activity Instructors	LOW

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				Training logged on Cinolla.		
Slips, Trips and Falls (Ground Level)	To Participant and Staff: Minor Bruising, cuts, abrasions. Head and spinal injuries.	Instructor to inspect scramble route prior to participants use - particular care to spot debris, particularly broken glass, or unstable rock. Helmets to be worn throughout session. Clear safety brief given to participants outlining boundaries. Appropriate footwear to be worn.	Y	Activity Staff suitably trained & inducted with local knowledge Inspections of route prior to participant use	Activity manager Activity Staff	LOW
Slips, Trips and Falls (From Height)	To Participant and Staff: Bruising, cuts, abrasions, breaks and sprains. Head	Helmets to be worn throughout session. Clear spotting and boundaries briefing at the start of the session. Instructor to actively spot where necessary and	Y	Activity Staff suitably trained & inducted	Activity manager	LOW

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	and spinal injuries.	use group leader for spotting where appropriate. Instructors to demonstrate scrambling routes where more precision is necessary.				
Scrambling Entrapment	Minor injuries	Instructor to assess participants ability and use local knowledge to prevent entrapment. Challenge by choice is observed.		Site specific induction		LOW

Risk Assessment Checked by H&S or Line manager.

Name : Steve Turner CEO

Date : 5th March 2024



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