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|---|---|---|----------|----------|--|--|----------|----------|----------|
| <b>Name of activity</b>                               | <b>Climb Abseil single pitch generic</b>  | <b>Reference number</b>   |          |          |  |  |          |          |          |
| <b>Location of activity</b>                           | All single pitch sites  | <b>Ratio for activity</b>   | 2: !2    |          |  |  |          |          |          |
| <b>This document must be read in conjunction with</b> | <b>Climbing and Abseil Standard Operational Procedures</b>  |   |          |          |  |  |          |          |          |
| <b>Major safety issue</b>                             | The staffs always retain overall responsibility for the safety of the group during the activity. The technical staff must check all systems and individuals before they climb or abseil. These will comply with Standard Operational Procedures for climbing activities |   |          |          |  |  |          |          |          |
| <b>Key: L – Likelihood, S – Severity, R – Risk</b>    |   |   |          |          | <b>Risk Score 1- 2 = Low 3- 4 = Medium 5- 6 = High</b> |  |          |          |          |
| <b>Activity Description</b>                           | <b>Foreseeable Hazard</b>   | <b>Who might be harmed and how?</b>   | <b>L</b> | <b>S</b> | <b>R</b>   | <b>Control measures</b>  | <b>L</b> | <b>S</b> | <b>R</b> |
| Climbing belayed                                      | Falling in correct belaying safety roping   | Climber falling hitting the ground bodily impact injury fatality  | 2        | 3        | 5  | Instructor direct supervision of the belay process. Belay rope always kept tight. Instructor must be in a hands-on position to take direct control of the braking rope | 1        | 3        | 4        |
| Climbing belayed                                      | Climbers feet slipping causing them to pendulum   | Instructor not ensuring climber is following the rope in a straight line. Climber swinging impact injury shoulder or head | 2        | 3        | 5  | Instructor aware or hazard and vigilance that the climber keeps on route in a straight line with the rope  | 1        | 2        | 3        |
| Climbing belayed                                      | Fall from the top of the crag while or after unclipping from rope   | Climber hitting the ground bodily impact injury or fatality   | 2        | 3        | 5  | Climber clipped on and attached to their rope until in a safe zone well away from crag edge danger   | 1        | 2        | 3        |



| Activity Description                 | Foreseeable Hazard   | Who might be harmed and how?  | L | S | R | Control measures  | L | S | R |
|--------------------------------------|--|---|---|---|---|---|---|---|---|
| Climbing belayed                     | Climber become detached from the rope karabiner gate not screwed up gate cross or three way loaded | Climber becomes unattached from rope and falls to the ground impact bodily injury fatality            | 2 | 3 | 5 | Climber and belayers buddy check Karabiner gate squeeze test before climber start climbing observed by Instructor belayers keep rope tight at all times to avoid karabiner gate three way loading | 1 | 3 | 4 |
| Climbing roped or unroped bouldering | Ring finger injury   | All climbers remove rings danger of serious finger stripping injury or even the loss of a digit       | 2 | 2 | 3 | All members of the group should check and remove all rings If ring cannot be removed should be taped  | 1 | 2 | 3 |
| Climbing belayed                     | Anchor belay failure   | Climber or Instructor falling hitting the ground bodily impact injuries fatality                      | 2 | 3 | 5 | Two anchors to ensure redundancy in each safety rope anchor belay system anchors equalised and load shared. Anchors checked and tested  | 1 | 2 | 3 |
| Approach access to crag top          | Slip fall from crag top  | Any climber or instructor impact with ground bodily injury fatality                                   | 2 | 3 | 5 | Hazard awareness setting of safe zone and boundaries clear briefing by Instructor   | 1 | 3 | 4 |
| Approaching crag edge                | Slip stumble   | Any climber or Instructor fall from top of crag impact with ground bodily impact injuries or fatality | 2 | 3 | 5 | Climbers or Instructor approaching edge attached to safety rope at all times Instructor vigilance   | 1 | 3 | 4 |



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|-----------------------------|--|---|----------|----------|----------|--|----------|----------|----------|
| Abseiling                   | Rope burn                                    | Abseiler descending too quickly, rope burn to hand  | 2        | 2        | 4        | Instructor insure descent speed is controlled by safety rope   | 1        | 2        | 3        |
| Abseiling                   | Feet slipping abseiler swinging pendulum     | Abseiler losing footing or swinging or hitting rock with shoulder or head impact bodily injury                  | 2        | 2        | 4        | Instructor should be proactive at ensuring abseiler is leaning back enough and has flat of feet on the rock not toes and feet wide enough apart for stability Ensure the descent is on the fall line | 1        | 2        | 3        |
| Abseiling                   | Entrapment hair, clothes , straps , toggles  | Abseiler gets items or hair or clothing jammed in figure 8 descender burns crushed skin                         | 2        | 2        | 4        | Instructor check clothing tie back hair check helmet straps. Ensure that you have a releasable abseil  | 1        | 2        | 3        |
| Abseiling or Climbing       | Rock fall or equipment falling from crag top | Abseiler or climber being struck by a rock or equipment falling from the crag Face head or bodily impact injury | 2        | 3        | 5        | Instructor ensures PPE climbing helmets correctly adjusted are worn at all times.  | 1        | 3        | 4        |



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|---|---|---|---------------------------|----------|----------|---|----------|----------|----------|
| Climbers belaying or waiting to climb at bottom of crag | Equipment or rock falling                           | Climbers waiting to climb or belayers hit by falling rock or dropped equipment head facial or bodily injury | 2                         | 3        | 5        | Instructor to ensure PPE helmets are always adjusted and worn . Group to be kept away from directly under the crag when not necessary | 1        | 3        | 4        |
| Bouldering or traversing                                | Falling backwards and hit your back or back of head | Any member of the group bouldering bodily injury  | 2                         | 2        | 4        | Instructor to ensure PPE helmets are adjusted correctly set height limits for boulders make sure spotters are being effective         | 1        | 2        | 3        |
| rigging setting up climbing or abseiling ropes          | Falls from crag top                                 | slips fall from top of crag. Impact bodily injuries fatality  | 2                         | 3        | 5        | All must be tied on to a safety rope using a cow's tail or auto block French prussic at all times when rigging the crag               | 1        | 3        | 4        |
| Climbing or Abseiling                                   | Equipment failure                                   | Climber Abseiler or Instructor hits the ground impact injuries fatality                                     | 2                         | 3        | 5        | Regular documented PPE/FPE Equipment checks Visual checks by Instructor each session  | 1        | 3        | 4        |
| <b>Written by: Mike Margeson</b>                        |   |   | <b>Date November 2011</b> |          |          | <b>Signature Mike Margeson</b>  |          |          |          |
| <b>Reviewed by: Mike Margeson</b>                       |   |   | <b>Date November 2016</b> |          |          | <b>Signature Mike Margeson</b>  |          |          |          |
| <b>Reviewed by: Mike Margeson</b>                       |   |   | <b>Date December 2017</b> |          |          | <b>Signature Mike Margeson</b>  |          |          |          |
| <b>Reviewed by: Mike Margeson</b>                       |   |   | <b>Date December 2018</b> |          |          | <b>Signature Mike Margeson</b>  |          |          |          |