

Ice Climbing and Dry Tooling

| RISK | PERSONS AT RISK | | | Risk Before Mitigation | | | CONTROLS TAKEN TO MINIMISE RISKS | Likelihood | Severity | Score | Residual RISK |
|---|-----------------|------------|---------------|------------------------|----------|------|--|------------|----------|-------|---------------|
| | Young persons | Spectators | Staff/leaders | Likelihood | Severity | Risk | | | | | |
| Falling Objects | P | | P | 2 | 2 | 4 | Regular checks of apparatus loose objects removed from persons. Safety helmets worn at all times within the area. | 1 | 3 | 3 | Medium |
| Falls from wall | P | | P | 3 | 2 | 6 | Belay/harnesses in use at all times and clear instructions given. Approved, trained instructors in charge | 1 | 3 | 3 | Medium |
| Use of sharp tools (ice axes) | P | P | P | 3 | 2 | 6 | Person facing side of axe will be covered in foam or similar to prevent hitting face when pulling out of wall. Protective eyewear will be provided. Axes will be fixed to the person using a wrist strap to prevent dropping from height. Spectators will be asked to stay behind a restricted area during the activity use. Crampons will be put on over a wooden board to prevent damage to floor coverings and similar. Thorough briefing to participants and close supervision before and during activity. Activity instruction is 1 on 1. | 1 | 2 | 2 | Low |
| Use of sharp tools (crampons) | P | P | P | 3 | 2 | 6 | Crampons will be put on over a wooden board to prevent damage to floor coverings and similar. Thorough briefing to participants and close supervision before and during activity. Activity instruction is 1 on 1. | 1 | 2 | 2 | Low |
| Lack of concentration from belayer / belayer error | P | | P | 2 | 3 | 6 | Clear briefing, supervision from staff, belayers always "backed up" | 1 | 3 | 3 | Medium |
| Loose pieces of equipment / holds | P | | | 1 | 2 | 2 | Regular checks of apparatus. Any faults to be reported to instructor and site warden / person in charge to be fixed. Holds checked regularly for loose and tightened when required. | 1 | 2 | 2 | Low |
| Burns (ropes) | P | | P | 2 | 2 | 4 | Consideration to be given to wearing gloves when using none auto belay system | 1 | 2 | 2 | Low |
| Trips and slips | P | P | P | 2 | 2 | 4 | Regular cleaning schedules kitbags to be left clear of climbing area. Vicinity checks prior to use | 1 | 2 | 2 | Low |
| Failure of equipment | P | | P | 1 | 3 | 3 | Maintenance procedures in place. Equipment maintained and records kept of checks. Suspected / failed equipment to be placed in designated quarantine bin for checking. Annual checks by external contractor - repairs undertaken if issues identified. | 1 | 3 | 3 | Medium |
| Lack of competence, bravado, inexperience | P | | P | 2 | 2 | 4 | Training given, full supervision, written procedures | 1 | 2 | 2 | Low |
| Bystander / spectator interruption | P | P | P | 2 | 2 | 4 | Spectators not to leave designated area, clear briefing given. | 1 | 2 | 2 | Low |
| Incorrect ratios | P | | P | 2 | 2 | 4 | Clear ratio rules in place, checked at time of booking and upon arrival. Session will not run if ratios are over. | 1 | 2 | 2 | Low |
| Misuse | P | P | | 2 | 3 | 6 | Area cordoned off no unauthorised use allowed by any person when not in use. Ropes removed and tracers placed. Checked as part of regular security checks when not in use. | 1 | 3 | 3 | Medium |
| Averse weather conditions | P | | P | 2 | 2 | 4 | high winds, frosts and other weather conditions assessed prior to start - will not be run if not safe. | 1 | 2 | 2 | Low |
| Slippery / frozen equipment | P | | P | 2 | 2 | 4 | Course checked before use - see above on weather. | 1 | 2 | 2 | Low |
| Collisions | P | | P | 2 | 2 | 4 | Areas of risk pointed out prior to commencement. Instructors oversee activity | 1 | 2 | 2 | Low |
| Inexperienced staff / volunteer and staff / volunteer error | P | | P | 1 | 2 | 2 | All staff trained and qualifications checked on regular basis | 1 | 2 | 2 | Low |
| Muscle strains | P | | P | 2 | 2 | 4 | Warm up exercises recommended at start of each session. | 1 | 2 | 2 | Low |
| Banging head on equipment | P | | P | 2 | 3 | 6 | Helmets to be worn at all times. | 1 | 2 | 2 | Low |
| Lack of confidence / freezing on equipment | P | | P | 3 | 2 | 6 | Clear instruction given, rescue procedures in place. | 1 | 2 | 2 | Low |
| Ill fitting equipment | P | | | 2 | 2 | 4 | All equipment checked by instructor for correct fit and use | 1 | 2 | 2 | Low |
| Clothing/Jewellery | P | | | 2 | 2 | 4 | Tuck loose clothing away and remove jewellery especially rings before start | 1 | 2 | 2 | Low |

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| Last Reviewed | 12.2.2022 |
| This Review Date | 12.2.2022 |
| Reviewed DG | |
| Reviewed AM | |
| Reviewed GP | Y |
| Reviewed LTA | |
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3x3 RISK MATRIX

