**RISK ASSESSMENT – Activity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reviewed By: \_\_\_\_\_\_\_\_\_\_\_\_\_-**

| **Hazard** | **Risk A** | **Pre-Risk****Level** | **Control Measure** | **Risk B** | **Post-Risk****Level** |
| --- | --- | --- | --- | --- | --- |
| Likelihood | Consequence | Likelihood | Consequence |
| **Conditions** |  |  |  |  |  |  |  |
| Cold and or Wet Conditions | Moderate | Moderate | High | - Leader to check that all participants have adequate and suitable clothing prior to starting activities - Leaders must always wear suitable clothing to run activity safely. - Leader to be aware of cold related risks (hypothermia) | Unlikely | Minor | Low |
| Sun | Moderate | Moderate | High | Leader to be aware of sun related risks (sunburn & hyperthermia) | Unlikely | Minor | Low |
| Lightning, Strong wind and or storms | Moderate | Major | Extreme | - Activities are not to be run during ‘strong wind’ or 'serious storms'. This is defined as any weather which will prevent the normal running of the activity. - If caught in a lightning storm, activities must be halted and appropriate shelter needs to be sought | Unlikely | Moderate | Medium |
| **General** |  |  |  |  |  |  |  |
| Human error  | Moderate  | Major  | High  | - Any medical conditions and medication that may affect leader's performance are to be declared prior to the commencement of activities. - Leader to be aware of any declared medical conditions of participants prior to the commencement of activities- Leader to check participants appear physical capable of undertaking the activity.- Zero drug and alcohol policy for leaders and participants  | Unlikely | Minor | Low |
| Minor trips and slips; Tripping over anchors | Likely | Minor | High | - All trip hazards are to be made highly visible - Correct Rope/Ladder Management employed - First aid available on site- Participants to be briefed prior to and/or during activity | Unlikely | Minor | Low |
| **Height Related** |  |  |  |  |  |  |  |
| Falling Objects | Likely | Major | Extreme | - Area must be visually inspected before each set-up and before each sessions activity- Any non-removable hazards identified must be clearly marked and made known- Establish fenced "safe zone" area around activity area- Any person within the safe zone is to wear a helmet- No persons to enter the safe zone unless instructed to do so by the operator in charge. | Unlikely | Moderate | Medium |
| Fall when setting up  | Unlikely | Catastrophic | Extreme | - All ropes to be installed by person competent to do so.- Temporary belay (self-belay and/or separate rope) to be used | Unlikely | Minor | Low |
| Hair, clothing, jewellery caught in equipment | Moderate | Major | Extreme | - Loose clothing, hair and jewellery brief given at beginning of session- Releasable system used- Hair nets available and recommended for participants with long hair | Unlikely | Minor | Low |
| Faulty Equipment / Equipment failure / Misuse | Unlikely | Major | High | - Each piece of equipment checked on a regular basis, replaced where necessary - Equipment visually inspected before each use- Ensure all equipment is appropriately rated- Equipment cleaned and stored after each use- Each leader to be familiar with equipment in use | Unlikely | Minor | Low |
| **Activity Specific Risks** |
|  |  |  |  |  |  |  |  |

Participant Briefing Notes: Operator Review: Name and signature below)

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# Risk Assessment Matrix:

Qualitative measures of likelihood:

|  |  |  |
| --- | --- | --- |
| Level  | Descriptor | Example detail description  |
| 1  | Rare  | May occur only in exceptional circumstances  |
| 2  | Unlikely  | Could occur at some time  |
| 3  | Moderate  | Might occur at some time  |
| 4  | Likely  | Will probably occur in most circumstances  |
| 5  | Almost certain  | Is expected to occur in most circumstances  |

Qualitative measures of consequence impact:

|  |  |  |
| --- | --- | --- |
| Level  | Descriptor | Example detail description |
|
| 1  | Insignificant  | No injuries; low financial loss  |
| 2  | Minor  | First aid treatment; on-site release immediately contained; medium financial loss  |
| 3  | Moderate  | Medical treatment required; on-site release contained with outside assistance; high financial loss  |
| 4  | Major  | Extensive injuries; loss of production capability; off-site release with no detrimental effects; major financial loss  |
| 5  | Catastrophic  | Death; toxic release off-site with detrimental effect;  |

Qualitative risk analysis matrix - level of risk:

|  |  |
| --- | --- |
|  | Consequences  |
| Likelihood  | 1 (Insignificant)  | 2 (Minor)  | 3 (Moderate)·  | 4 (Major)  | 5 (Catastrophic)  |
| 1 (Rare) | Low  | Low  | Medium  | High  | High  |
| 2 (Unlikely) | Low  | Low  | Medium  | High  | Extreme  |
| 3 (Moderate) | Low  | Medium  | High  | Extreme  | Extreme  |
| 4 (Likely) | Medium  | High  | High  | Extreme  | Extreme  |
| 5 (Almost Certain) | High  | High  | Extreme  | Extreme  | Extreme  |