**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 |