



## Bouldering wall – Risk Assessment

The risk assessment ratings for each identified hazard, the score for the likelihood of its happening is multiplied by the score of the severity of the injury.

(For example, likelihood 2 multiplied by Severity 5 = 10 medium).

The Risk assessment is to identify hazards, value the risk and the potential harm and whom to. Have an action plan to prevent the risk and a final risk value.

| Hazard                               | Who  | Existing Risk Value | Action to prevent  | New Risk Value    |
|--------------------------------------|--|---------------------|--|-------------------|
| Slips, Trips & Falls (Ground height) | Participants<br>Instructors<br>Leaders               | 5*5=25<br><br>High  | Clear Briefing/Instructions, full understanding.<br>Be made aware of any steps or objects on the ground.<br>Shoe laces to be tied up.<br>Appropriate Footwear to be worn inside compound.<br>No running in the compound.<br>Soft ground areas.   | 3*2=6<br><br>Low  |
| Slips, Trips & Falls (off floor)     | Participants<br>Instructors<br>Leaders<br>Spectators | 5*5=25<br><br>High  | Clear Briefing/Instructions, full understanding.<br>Be made aware of any steps.<br>Shoe laces to be tied up.<br>Appropriate Footwear to be worn inside compound.<br>No running in the compound.<br>Participants leave the ground must be spotted at all times, under supervision of a leader.<br>6 participants maximum to be on the wall at any one time.<br>6ft Fenced area for compound.<br>Soft ground areas.<br>Participants explained not to jump for holds.<br>The spotting techniques are explained on the leader instructions.<br>Use of more than 2 spotters where necessary.<br>Leader to spot where necessary. | 5*2=10<br><br>Med |
| Failure of equipment                 | Participants<br>Instructors<br>Leaders               | 5*5=25<br><br>High  | A weekly inspection is done by qualified/trained staff.<br>Maximum of 1 participant on each hold at one time.<br>Before use inspection done by staff.  | 1*2=4<br><br>Low  |
| Failure of structure                 | Participants<br>Instructors<br>Leaders<br>Spectators | 5*5=25<br><br>High  | Weekly visual inspection by qualified/trained staff.<br>Before use inspection done by staff.<br>6ft Fenced area for compound.<br>Maximum of 1 participant on each hold at one time.  | 1*5=5<br><br>Low  |
| Entanglement                         | Participants<br>Leaders<br>Spectators                | 5*5=25<br><br>High  | Clear Briefing/Instructions, full understanding.<br>Ensure all Long hair is tied up/back as appropriate.<br>Non-loose clothing to be worn.<br>Participants leave the ground must be spotted at all times, under supervision of a leader.<br>All Participants/Leaders/Spectators are informed not to climb over wall.   | 1*5=5<br><br>Low  |
| Entrapment                           | Participants<br>Instructors<br>Leaders<br>Spectators | 5*5=25<br><br>High  | All Participants/Leaders/Spectators/Instructors to be made aware to keep fingers away from gate and frame.<br>Group management.  | 1*4=4<br><br>Low  |
| Falling objects                      | Participants<br>Instructors                          | 5*5=25              | Clear Briefing/Instructions, full understanding.<br>6ft Fenced area for compound.  | 5*2=10            |

|   |  |                    |  |                   |
|---|--|--------------------|--|-------------------|
|   | Leaders<br>Spectators                  | High               | Arborists report on surrounding trees.<br>Participants leave the ground must be spotted at all times, under supervision of a leader.   | Med               |
| Behavioural Problems                    | Participants<br>Instructors<br>Leaders | 5*5=25<br><br>High | Clear Briefing/Instructions, full understanding.<br>Yellow/red card system.<br>Ratio's 12:1 maximum.<br>Group leader must be present to control group behaviour.<br>Site behavioural policy.   | 2*5=10<br><br>Med |
| Wildlife                                | Participants<br>Instructors<br>Leaders | 5*5=25<br><br>High | No food permitted in the compound.<br>Compound checked before/during use.<br>Allergies (controlled by group leader)<br>Pest control where appropriate.   | 4*1=4<br><br>Low  |
| Weather                                 | Participants<br>Leaders<br>Instructors | 5*5=25<br><br>High | Activity not to be used in lightning weather.<br>Activity not to be used in strong winds.<br>Recommend not to be used during heavy rains. (leader to advise suitability)<br>No running in the compound.<br>Clear Briefing/Instructions, full understanding.<br>Appropriate lighting when required. | 4*2=8<br><br>Med  |
| Environment                             | Participants<br>Leaders<br>Instructors | 5*5=25<br><br>High | Floor covering to be made safe, and clear of any hazards.  | 1*1=1<br><br>Low  |
| Covid-19<br>Instructor Contact          | Participants<br>Leaders<br>Instructors | 5x5=25<br><br>High | 2m distance maintained for instructing<br>Where not possible, full medical face shield provided.   | 5*2=10<br><br>Med |
| Covid-19<br>Structural<br>Contamination | Participants<br>Leaders<br>Instructors | 5x5=25<br><br>High | Under current climbing guidance, clean the climber not the wall. No structural cleaning needed if hand sanitiser is used beforehand.   | 5*2=10<br><br>Med |
| Covid-19<br>General<br>Contact/Arrival  | Participants<br>Leaders<br>Instructors | 5x5=25<br><br>High | Hand Sanitiser, gloves and masks made available to participants and staff before and after activity<br>2m social distancing maintained   | 5*2=10<br><br>Med |

**This risk assessment is written in accordance with the operating process and procedures.**

Written by: Stuart Whyte – Acting Operations Manager

Reviewed by: Stuart Whyte

Position: Acting Operations Manager

Date: 28/01/2021

Qualifications: ERCA Qualified Traditional Instructor

BTEC Health & Safety Level 2

Disclaimer: Supervisor leaders must make sure rules are always abided by. Injury due to neglect of the rules is down to the supervisor.

| Likelihood of Occurrence | Severity of Harm             |
|--------------------------|------------------------------|
| 0 = Never                | 0 = No Harm                  |
| 1 = Unlikely             | 1 = Bumps & Bruises          |
| 2 = Possible             | 2 = Small Cuts & Lacerations |
| 3 = A chance             | 3 = Broken/Fracture of Bones |
| 4 = Likely               | 4 = Loss of limb             |
| 5 = Certain              | 5 = Fatality                 |

|            |   | Severity |    |    |    |    |
|------------|---|----------|----|----|----|----|
|            |   | *        | 1  | 2  | 3  | 4  |
| Likelihood | 1 | 1        | 2  | 3  | 4  | 5  |
|            | 2 | 2        | 4  | 6  | 8  | 10 |
|            | 3 | 3        | 6  | 9  | 12 | 15 |
|            | 4 | 4        | 8  | 12 | 16 | 20 |
|            | 5 | 5        | 10 | 15 | 20 | 25 |

| Levels of Acceptance |                  |
|----------------------|------------------|
| 1-6 Low              | = Acceptable     |
| 7-10 Medium          | = Monitor        |
| 11-12 medium         | = Re-evaluate    |
| 13-25 High           | = Not acceptable |