



Buggy build – 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 | Participants Leaders | 5*5=25 High | Be made aware of any steps or objects on the ground. (Remove if possible) Shoe laces to be tied up. Appropriate Footwear to be worn. Clear Briefing/Instructions, full understanding. Being made aware of any poles/ropes/barrels location on the construction. | 3*2=6 Low |
| Failure of equipment | Participants Leaders | 5*5=25 High | A weekly inspection is done by qualified/trained staff. Before use inspection done by staff. Any damaged equipment to be removed from use. Knots used to be checked safe by leader. | 3*3=9 Med |
| Entanglement | Participants | 5*5=25 High | Ensure all Long hair is tied up/back as appropriate. Non-loose clothing to be worn. Clear Briefing/Instructions, full understanding. Knots used to be checked safe by leader. Barrels used are flexible, in case of rolling over participant. | 2*4=8 Med |
| Falling objects | Participants Leaders Spectators | 5*5=25 High | Clear Briefing/Instructions, full understanding. Site Arborists report on trees obtained. Buildings Checked periodically. | 5*1=5 Low |
| Behavioural Problems | Participants Leaders Spectators | 5*5=25 High | Clear Briefing/Instructions, full understanding. Site behavioural Policy. Recommended low numbers of participants for control. (decision is down to the leader's ability) | 2*5=10 Med |
| Wildlife | Participants Leaders Spectators | 5*5=25 High | Allergies (controlled by group leader) Pest control where appropriate. | 4*1=4 Low |
| Weather | Participants Leaders Instructors | 5*5=25 High | Activity recommended not to be used in strong winds. (decision is down to the leader's discretion) No running. Clear Briefing/Instructions, full understanding. Appropriate lighting when required. | 1*5=5 Low |
| Environment | Participants Leaders Instructors | 5*5=25 High | Floor covering to be checked and cleared by Instructor/Leader. Use of appropriate areas, to be decided by the Instructor/Leader. | 1*1=1 Low |

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

Written by: Rob Williams – Site Facilities Manger

Reviewed by: Rob Williams
 Position: Site Facilities Manager
 Date: 04/2017
 Qualification: BTEC Health & Safety Level 2

| 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 |