

RISK ASSESSMENT REFERENCE TABLE



| Q1. HOW SEVERE IS THE INJURY LIKELY TO BE? | | Q2. HOW LIKELY IS THE INJURY TO OCCUR? | | | |
|---|---|--|----------|----------|----------|
| | | e | | h | |
| | | CERTAIN | PROBABLE | POSSIBLE | UNLIKELY |
| DEATH | a | 1 | 1 | 2 | 3 |
| HOSPITAL | b | 1 | 2 | 3 | 4 |
| DOCTOR | c | 2 | 3 | 4 | 5 |
| BAND-AID | d | 3 | 4 | 5 | 6 |

HAZARD IDENTIFICATION AND RISK ASSESSMENT – INFLATABLES

| Item | Hazard Identified | Priority | ACTION to eliminate or Minimise | Completed |
|------|--|----------|--|-------------|
| 1 | Clearances from wires, trees, structures | a f = 1 | Inspect site prior to commencing set-up. Measure clearances. | Each set-up |
| 2 | Electrical connection | a g = 2 | Power off while handling leads. RCD installed for operation. Inspection | Each set-up |
| 3 | Strong wind blows ride over, or away | a g = 2 | Monitor windspeed. Cease operation if winds > 30k/h | Every ride |
| 4 | Manual handling of components | c f = 3 | Manual handling procedures to be prepared and followed. | Each set-up |
| 5 | Strong wind lifts ride on natural grass | b g = 3 | Visual check on anchor points and peg security | Each set-up |
| 6 | Strong wind lifts ride placed on hard surfaces | a f = 1 | Sandbags or concrete blocks on ALL anchor points. Cease op if winds >30k/h | Each Set-up |
| 7 | Structure collapse, seam failure, rope failure | b g = 3 | operate Maintenance Schedule | Quarterly |
| 8 | Ground conditions, slope | c g = 4 | Do not set up on excessive slope | Each set-up |
| 9 | Collision between patrons | c g = 4 | Do not overload bouncing area. Harmonise size of riders, training. | Every ride |
| 10 | Night work. Tripping on access/egress | d f = 4 | Provide appropriate flood and general lighting | Each set-up |
| 11 | Structure collapse, power loss, rips, tears | c g = 4 | Non-return flaps on blower, operator training, emergency evacuation proc. | Every ride |
| 12 | Sunburn to staff | c g = 4 | Provide block-out. PPE | Each day |
| 13 | Rain causes wet surfaces, slipping | d f = 4 | Cease operation until surface is dried | Every ride |
| 14 | Anchors work loose in wind | c g = 4 | Cease operation in strong wind >30k/h. Use suitable anchors for ground cond. | Every ride |
| 15 | Tripping over anchor ropes | d g = 5 | Restrict access to rear & sides. Train staff to watch public | Each set-up |
| 16 | Tripping over blower | d g = 5 | Restrict access to rear & sides. Train staff to watch public | Each set-up |
| 17 | Access to ride area, tripping, fall, crush | d g = 5 | Provide non-climbable fence, locate correctly and securely | Each set-up |
| 18 | Worn ropes allowing movement of ride | c h = 5 | Inspect ropes daily, replace if necessary. | Each day |

Additional Safety-related features

Seam security

Seams in load area are sealed with 50mm wide vinyl tube, appear double stitched each side (i.e. quadruple stitched).

Blower security

Duct to blower secured with fabric ties.

De-Pressurisation

Blower fitted with non-return flaps, delaying blow-down in event of power failure (observed to be operable).

Fire Risk Reduction

Blower fitted with self-resetting thermal switches

Electrical Safety

Blower housing is plastic, providing effective 'double insulation'.
Extension cord socket shrouded portable RCD 'upstream'.

Anchor Security

All base anchor stakes were fitted with top stops, to prevent possibility of ropes slipping over top of stake. Angled at ~45 deg, and viewed ok re- AS3533.1 Clause 5.9.1. 30kg Sandbags on every Anchor point on hard surfaces.