



## Risk Assessment

Equipment / activity: Bumper Cars  
Date: 05/01/2023

| Hazard   | Who is at risk?                   | Possible effects/harm  | Likelihood (high, medium, low) | Evaluation & Control Measures   | Revised risk rating (high, medium, low) | Are there adequate control measures in place? |
|--|-----------------------------------|--|--------------------------------|---|---|---|
| <b>Loading, handling and transportation of equipment</b> | Operator, spectator               | Injury   | Low                            | All staff to be trained in manual handling. Manual handling to be reduced to a minimum by use of trolleys/lifts. Loads to be properly secured. Where required, multiple persons must handle equipment.            | Low                                     | Yes   |
| <b>Installation of equipment on site</b>                 | Operator, spectator, participants | Injury to operator, spectators or participants. Damage to venue. | Low                            | Operator must have clear, unhindered access to the setup area. Setup area to be clear and free from debris. Pre setup checks on equipment to check for damage. Equipment to be set up away from sources of water. | Low                                     | Yes   |

|                                       |                                   |   |        |  |     |     |
|---------------------------------------|-----------------------------------|---|--------|--|-----|-----|
| <b>Ground type</b>                    | Operator, spectator, participants | Injury to operator, spectators or participants.                     | Low    | Equipment to be installed and operated on dry, solid ground.   | Low | Yes |
| <b>Cables and wiring</b>              | Operator, spectator, participants | Trip, fall, electric shock  | Medium | <p>All electrical equipment to be PAT tested.</p> <p>All cables and wires should be adequately covered and set away from public walkways wherever possible.</p> <p>Area to be kept clean and dry at all times and away from sources of water.</p>                          | Low | Yes |
| <b>Operation of equipment on site</b> | Participants                      | Injuries to upper body due to collision through lack of supervision | Low    | <p>All children should be monitored by their responsible adult.</p> <p>Ride instructions must be followed at all times.</p> <p>Only participants are allowed in the ride area. No other children should be allowed in the ride area when the activity is taking place.</p> | Low | Yes |

|                              |                                    |  |        |  |     |     |
|------------------------------|------------------------------------|--|--------|--|-----|-----|
| <b>Pre-existing injuries</b> | Participants                       | Pre-existing injuries could be aggravated or return due to participation | Medium | <p>Any child with pre-existing or recent injuries should not take part.</p> <p>Parents take responsibility for deciding if it's safe for their child to use.</p> <p>Any child seen to be unwell during play should be removed from the ride and given immediate attention.</p> | Low | Yes |
| <b>Heat</b>                  | Organiser, spectator, participants | Injury to spectators or participants.                                    | Low    | The equipment should not be set up near any sources of heat or naked flames.   | Low | Yes |
| <b>Choking</b>               | Participants                       | Choking due to items lodged in throat                                    | Low    | No food or drink to be consumed on the ride.   | Low | Yes |

## Risk rating

### High

For example:

- fatality possible to one or more individuals however infrequent
- major injury to few individuals occurring frequently
- likelihood of long term muscular-skeletal problems affecting significant numbers of staff  
**Immediate action required**

### Medium

For example:

- major injury to one/few individuals occurring infrequently
- likelihood of long term muscular-skeletal problems affecting some staff. Requires attention as soon as possible

### Low

For example:

- minor injury occurring infrequently to few staff.  
Not a priority, may need attention if not as low as reasonably practicable.