

# RISK ASSESSMENT

PRODUCT NAME:		INFLATABLES					
RISK DESCRIPTION	WHO MIGHT BE HARMED?	WHAT IS THE RISK?	EXISTING CONTROL MEASURES	RISK SEVERITY	RISK LIKELIHOOD	RISK RATING	NEW CONTROL MEASURES
Loading, handling and transportation of equipment	Operator Spectators	<p>Injuries caused by:</p> <ul style="list-style-type: none"> <li>Heavy lifting</li> <li>Unacceptable access</li> <li>Injury to Operator or Spectators</li> </ul>	<p>All equipment must be handled in correct manner in line with manual handling.</p> <p>Only our staff should move the equipment.</p> <p>Manual handling should be reduced to a minimum by using the trolleys.</p> <p>Ramps &amp; lifts to be used where required and available. All loads must be properly secure.</p>	TOLERABLE	IMPROBABLE	<b>MEDIUM</b>	<p>Where required multiple persons must handle equipment.</p> <p>Individual persons should not undertake anything that puts themselves or anyone else at risk.</p> <p>Manual handling training is supplied to all staff annually.</p> <p>Under no circumstances shall anyone but our staff transport equipment.</p>
Installation of equipment on site	Operator Spectators Participants	<p>Injury caused by:</p> <ul style="list-style-type: none"> <li>Debris</li> <li>Tripping over equipment</li> <li>Injury to Operator, Spectators or Participants</li> </ul>	<p>The operator must have clear access to the setup area.</p> <p>The setup area must be level and free from any rubbish, debris and sharp objects etc.</p> <p>The equipment must be inspected before, during and after installation to ensure it is free from damage.</p>	ACCEPTABLE	IMPROBABLE	<b>LOW</b>	<p>Once installed the item should not be moved by any unauthorized persons.</p> <p>The equipment should be set up away from any entrances or exits ensuring it does not block any fire exits.</p> <p>All anchor points must be used.</p> <p>Any spare equipment must be tidied away and put in a safe place.</p>

<p>Electricity &amp; cabling</p>	<p>Operator Spectators Participants</p>	<p>Injuries caused by: Trips Power cut outs Injury to Operator, Spectators or Participants</p>	<p>The equipment requires access to a 13-amp plug socket. The power socket ideally should be no further than 30 - 40m away from equipment. All electrical components are inspected and PAT every 6 months.</p>	<p>TOLERABLE</p>	<p>IMPROBABLE</p>	<p><b>MEDIUM</b></p>	<p>All cabling to be routed away from walkways and any cables crossing footpaths or vehicle access routes to be covered with cable ramps where possible. If area is too large then access should not be used and client should provide cones to block off the area from vehicle access. If power socket is more than 40m away then a generator is advised due to risks caused by trailing cables, however the power can safely be up to 100m away should cable be routed out the way of footpaths and vehicle access.</p>
<p>Operation of equipment on site</p>	<p>Operator Spectators Participants</p>	<p>Injuries caused by: Overcrowding of the area Lack of supervision Not following operating rules Injury to Operator, Spectators or Participants</p>	<p>Participants to queue in front of the equipment in view of the operator who will control the queue. Participants not to overcrowd the area and keep a clear space around the item. Always follow the user limitations for the item.</p>	<p>ACCEPTABLE</p>	<p>POSSIBLE</p>	<p><b>LOW</b></p>	<p>Spectators should be away from the equipment and not allowed to interfere with the equipment in anyway. Supervision should be by a responsible adult at all times. The operating information must be followed at all times. This can be found in the operating method statement and the safety card left with the client. A briefing will be given to client upon set up.</p>

<p>User safety</p>	<p>Operator Spectators Participants</p>	<p>Injuries caused by:</p> <ul style="list-style-type: none"> <li>By other participants</li> <li>Misbehavior</li> <li>Lack of supervision</li> <li>Not following operating rules</li> <li>Choking</li> <li>Injury to Operator, Spectators or Participants</li> </ul>	<p>All activities must be supervised by a responsible adult at all times.</p> <p>Participants to be aware of their own physical ability and notify the operator if they do not wish to participate or wish to end the activity.</p> <p>No food or drink is allowed on the item.</p> <p>The operating information must be followed at all times.</p>	<p>TOLERABLE</p>	<p>IMPROBABLE</p>	<p><b>MEDIUM</b></p>	<p>Should any participant appear to be under the influence of alcohol or drugs to the extent where they are posing a risk to the operator or participants, or spectators the operator will close the equipment and seek assistance from the event manager or hirer.</p> <p>The operator reserves the right to refuse admission to anyone they feel may be unsafe to partake in the activity.</p> <p>Operating information can be found in the operating method statement and a safety card will be left with the client.</p> <p>A briefing will be given to client upon set up.</p>
<p>Larger Participants colliding with smaller participants or aggressive behavior</p>	<p>Participants</p>	<p>Injuries caused by:</p> <ul style="list-style-type: none"> <li>By other participants</li> <li>Misbehavior</li> <li>Lack of supervision</li> <li>Not following operating rules</li> <li>Injury to Participants</li> </ul>	<p>All activities must be supervised by a responsible adult at all times and follow the operating instructions given.</p> <p>If being supervised by a member of our staff, we have procedures in place to deal with most scenarios, staff training is updated annually unless otherwise necessarily.</p>	<p>TOLERABLE</p>	<p>POSSIBLE</p>	<p><b>MEDIUM</b></p>	<p>The operator reserves the right to refuse admission to anyone they feel may be unsafe to partake in the activity.</p> <p>The operator reserves the right to close the equipment and seek assistance from the event manager or hirer should a participant pose a risk to the operator or other participants or spectators.</p>

<p>Falls from heights</p>	<p>Participants</p>	<p>Injuries caused by:</p> <p>Falling from a platform of a slide</p> <p>Falling from a side wall of an inflatable</p>	<p>All activities must be supervised by a responsible adult at all times and follow the operating instructions given.</p> <p>Slides have sewn in netted roofs to prevent egress at height.</p> <p>Castles has tall walls with sewn in rain covers.</p> <p>Users should not climb on walls or beams under any circumstances.</p>	<p>UNDESIRABLE</p>	<p>IMPROBABLE</p>	<p><b>MEDIUM</b></p>	<p>If being supervised by a member of our staff, we have procedures in place to deal with most scenarios, staff training is updated annually unless otherwise necessarily.</p> <p>When our staff are supplied to operate the equipment a safety briefing is given to all new users on entrance to the equipment.</p> <p>Operating information can be found in the operating method statement and a safety card will be left with the client. A briefing will be given.</p>
<p>Injury through incorrect set up</p>	<p>Operator Spectators Participants</p>	<p>Injury caused by:</p> <p>Positioning of the inflatable</p> <p>Insufficient anchorage</p> <p>Other incorrect erection procedures</p>	<p>Equipment to be set up by trained staff only.</p> <p>Never use the inflatable without proper anchorage in place.</p> <p>The inflatable must not be altered once set up.</p>	<p>UNDESIRABLE</p>	<p>IMPROBABLE</p>	<p><b>MEDIUM</b></p>	<p>Equipment to be set up by trained staff only, all staff are monitored by a manager for a 6-month period before being left unsupervised.</p> <p>All staff attend an in-house annual training course.</p> <p>Once all items are set up a walk around of each inflatable is conducted by the operator.</p>

<p>Injury through equipment defect</p>	<p>Operator Spectators Participants</p>	<p>Injuries caused by: Deflation Equipment integrity</p>	<p>All inflatables are tested annually by a PIPA tester to EN14960-2019, PIPA is a HSE approved scheme.  All electrical equipment is inspected and PAT every 6 months.</p>	<p>TOLERABLE</p>	<p>IMPROBABLE</p>	<p><b>MEDIUM</b></p>	<p>All equipment has a visual inspection on set up and pack down, any defects are reported to the operator and equipment is taken out of action until required remedial works have been carried out.</p> <p>The user limitations provided by PIPA inspector to be followed at all times as these should allow for safe evacuation in event of unexpected deflation.</p> <p>Our team have procedures in place should deflation occur.</p>
<p>Weather</p>	<p>Injury to Operator, Spectators or Participants</p>	<p>Injuries caused by: Slippery surface Inflatable taking flight</p>	<p>Equipment should not be used in heavy rain or extreme weather conditions such as winds or gusts above 24 mph.  Equipment is suitable for indoor use and can be set up inside a suitable location providing adequate space.</p>	<p>UNDESIRABLE</p>	<p>IMPROBABLE</p>	<p><b>MEDIUM</b></p>	<p>All inflatables are supplied with an anemometer to monitor the wind speeds every 30 to 60 minutes.</p> <p>Inflatable should be switched off if wind or gust speeds reach 19 mph.</p> <p>All participants to vacate the equipment when the play area of the inflatable becomes wet and slippery. Inflatable must be not be used until it is dry.</p>

Pressure	Injury to Operator, Spectators or Participants	Injuries caused by:  Lack of pressure	The minimum air pressure inside the structural part of the inflatable shall be 1kPA (100mm water gauge).	UNDESIRABLE	IMPROBABLE	<b>MEDIUM</b>	<p>Prior to use and once set up all inflatables are tested with a manometer to give a pressure reading.</p> <p>Pressure reading shall be a minimum of 1kPa, if the reading is less the inflatable will not be used.</p> <p>All staff are trained in how to take a pressure reading using the manometer.</p>
Generator and risk of fire	Injury to Operator, Spectators or Participants	Injuries caused by:  Fire  Heat	<p>Generators are filled with fuel before delivery and must remain a minimum of 5m away from equipment in an off fenced area.</p> <p>Under no circumstances should anyone other than our team enter the fenced off area where the generator is.</p> <p>No smoking or BBQs should be within 5m of the equipment.</p>	UNDESIRABLE	IMPROBABLE	<b>MEDIUM</b>	<p>All hires where generators will be used will be set up with an earth rod and a fire extinguisher provided.</p> <p>All spare fuel is stored in suitable marked containers and in a safe location.</p> <p>All items must be switched off during refueling.</p> <p>Equipment is fire retardant.</p>

The above information is based on manufacturers' criteria and experience from extensive use of the equipment.

Any other action required:

This risk assessment is specific to all inflatable equipment, this includes but is not limited slides, bouncy castles, assault courses and inflatable games. It covers the set-up, use and pack down. The risks detailed above generally do not change between sites however as our team arrive on site they will conduct a dynamic risk assessment and avoid any risks they may find, if the risks cannot be avoided then the risk will be assessed and a decision on the location of set up will be made.

If Live 9 Events staff are supervising all staff will follow the training provided by the company and if required can refer to the "Staff Information Pack & Safety Guide".

If Live 9 Events staff are not supervising then a safety briefing with clear instructions on how to safely operate the equipment will be given to the client along with a safety card for them to refer to and a wind anemometer to safely monitor the wind speeds every 30 – 60 minutes.

Risk assessment carried out by: Molly Huthwaite

Date: 16 June 2023

Signature: M. Huthwaite