

Risk Assessment Inflatable Marquee

Splash Inflatables Ltd

This is an inflatable which stands alone. The purpose of the inflatable is to provide shelter for socialising events. It comes with a portable bluetooth speaker and disco lights. It is an inflatable and a fan is used to blow the inflatable up and it has 6 anchor points.

Specific risks in relation to this inflatable are as follows:

Risk Assessment for Inflatable Marquee

Date: 01/03/2023

1. Hazard Identification:

a. Tripping and Falling:

- Uneven ground or flooring inside the marquee.
- Loose or unsecured flooring.
- Obstacles or debris on the ground.
- Poor lighting conditions.

b. Overcrowding:

- Exceeding the maximum capacity of the marquee.
- Insufficient space for movement and evacuation.

c. Structural Failure:

- Inadequate anchoring or securing of the marquee.
- Damage to the inflatable structure.
- Extreme weather conditions (strong winds, heavy rain, etc.).

d. Fire Hazard:

- Use of open flames or flammable materials inside the marquee.
- Overloading electrical circuits.
- Smoking near the marquee.

e. Electrical Hazards:

- Faulty or damaged electrical equipment.
- Inadequate grounding or insulation.
- Improper use of electrical equipment.

f. Health and Safety:

- Poor ventilation leading to suffocation or heat exhaustion.
- Allergic reactions to materials used in the marquee.
- Inadequate access to emergency exits.
- Lack of first aid facilities.

2. Risk Evaluation:

a. Likelihood:

- Tripping and Falling: Moderate to High
- Overcrowding: Moderate to High
- Structural Failure: Low to Moderate
- Fire Hazard: Low to Moderate
- Electrical Hazards: Low to Moderate
- Health and Safety: Moderate

b. Severity:

- Tripping and Falling: Moderate to High
- Overcrowding: Moderate to High
- Structural Failure: Moderate to High
- Fire Hazard: Moderate
- Electrical Hazards: Moderate
- Health and Safety: Moderate to High

3. Risk Control Measures:

a. Tripping and Falling:

- Regularly inspect and maintain the flooring inside the marquee.

- Ensure proper lighting and clear pathways.
- Remove any obstacles or debris from the ground.

b. Overcrowding:

- Clearly display the maximum capacity of the marquee.
- Monitor the number of people entering the marquee.
- Ensure sufficient space for movement and evacuation.

c. Structural Failure:

- Properly anchor and secure the marquee according to manufacturer's instructions.
- Regularly inspect the inflatable structure for any signs of damage.
- Monitor weather conditions and take necessary precautions.

d. Fire Hazard:

- Prohibit the use of open flames or flammable materials inside the marquee.
- Ensure electrical circuits are not overloaded.
- Designated smoking areas away from the marquee.

e. Electrical Hazards:

- Regularly inspect and maintain electrical equipment.

- Ensure proper grounding and insulation.

- Train staff on safe use of electrical equipment.

f. Health and Safety:

- Provide adequate ventilation inside the marquee.

- Use materials that are safe and non-allergenic.

- Clearly mark emergency exits and ensure they are easily accessible.

- Have a designated first aid area with trained personnel.

4. Risk Monitoring and Review:

- a. Regularly inspect and maintain the marquee and its components.

- b. Conduct regular safety drills and training sessions for staff.

- c. Review and update the risk assessment periodically or when significant changes occur.

Risk Assessment for all inflatables.

Splash Inflatables Ltd T/AS Splash Inflatables, Jump4fun Inflatables, Event Ninja & Fun4all Leisure

This risk assessment outlines many hazards involved with inflatable hire and how to reduce the risks.

We have outlined known hazards, how they can cause damage or harm, the likelihood of these to happen and the potential level of harm which could be caused. We have listed the existing control measures that are in place to reduce these risks and extra actions which can be carried out on the day of the event



to further reduce risks. This risk assessment will be updated and reviewed accordingly if and when there is any change in risk or management. In support of this document, there are further supporting documents such as supervision rules and guidance, a wind and rain management plan, generator hire risk assessments.

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What are the hazards?	Who might be harmed and how?	Likelihood 1 = not likely 2 = likely 3 = very likely	Level of injury 1 = minor 2 = moderate 3 = serious	Existing Control Measures	What further action should be taken on the day of hire and by who
Inflatable is very heavy to lift and manoeuvre	Those who are transporting the Inflatable, putting it up, or taking it down could injure their back. Inflatable could fall onto any person nearby.	1	2	The sack trolley will be used wherever possible to move heavy equipment. Advice will be given to staff on correct lifting procedures to prevent injury (using guidance from www.hse.gov.uk or other sources). For rolling up the inflatable, following training instructions, and secure it with the strap provided.	Customer to ensure that the erection site and entry to the erection site is free from the public and ensure there is a safe entry and exit points to buildings free from passers-by.
Unsuitable entry, uneven paths,	Company staff could be injured while attempting to move equipment in	2	2	As much access details as possible established before the hire. Ask customers several times about	Company operator to have last say on the safety of the entry space. Company staff not to put

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stairs or tight entry	unsuitable spaces or up or down stairs.		3	potential access issues. Ask for photos from customers where necessary or if unsure.	themselves at risk of injury and to call manager if unsure what to do.
Site entry, risk to injury by vehicle or damage to property	Public, users of roads or pathways. Vehicles having to mount pathways or kerbs or school playgrounds	1	2	Ensure that the customer/organiser has pathways cleared before the company arrive. Customer to use signage where possible and ensure there are no pedestrians walking around when the vehicle is in manoeuvre.	Company staff to ensure they thoroughly check for pedestrians and ensure, where possible, the entry is clear from persons or property that could be damaged.
Long electric power cables or spare equipment causing trip hazards	Those who are setting up other stalls at the event could trip on the cable. Users or passers by could trip and fall causing injury	1		Ensure spare equipment is stored away safely away from the public or passers-by.	Where possible, secure the power cable to the ground as soon as it is laid down, and try to keep cables running along the side of buildings instead of cutting across floor space. Ensure that all cables are fitted in the best way possible to avoid trips or falls. Run cables along the side of inflatables where possible. Use bunting or cones to alert passers-by to any potential trip hazards.

Danger of damaged electrical equipment	Anybody who touches the damaged cable could be electrocuted. 1	3	Unroll the electric cable, and check the full length of the cable, and also any plugs or sockets for damage. Where possible ensure that the power cable is plugged into power supply that has a trip switch OR use power breaker. Ensure that there all electrical equipment has an annual PAT test.	All responsible supervisors to report damage to electrical equipment.
Heavy duty stakes to be driven in using mallet, and	Those banging in the stakes could injure their hands. 1	1	Ensure equipment is regularly inspected for damage and fixed or replaced where necessary.	Company operators are to hold the stakes halfway down when banging them in

Page 4 of 5 *Risk Assessment June 22*

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removed at the end of the hire	Other persons in the area could be hit with the mallet				Knock the stakes sideways using the mallet before trying to pull them out Make sure the area is clear of other people

The inflatable is wet when it's put away	Those rolling the inflatable up could be injured as it will be slippery and heavier if wet. 1	1	If possible, the Inflatable will be dried out before it is put away	Extra care to be taken when rolling and manoeuvring, dry surfaces used for pushing and pulling, gloves to be worn.
Uneven Ground /sloping ground	If there is a slope in the garden / venue. The inflatable could tip over and cause injury. 1	2	Talk to the hirer of the added risk and re-enforce that no users are allowed to jump against the side walls of the inflatable and re-enforce supervision at all times. Only set up inflatables on minor slopes.	The operators setting up the inflatable must decide based on their visual inspection to the severity of the slope and if the ground is suitable.
Unsuitable or soggy ground.	If there is unsuitable ground where the means of anchorage is unsuitable, the anchor may not work and the inflatable might blow away or move causing injury. 1	3	The ground must be inspected and checked to ensure it can be safely anchored. If the pegs or anchors are insecure, the operator must not complete the hire and report to management.	Extra anchorage could be used for example tie the inflatable to suitable hardstanding items such as fence posts.
Wet Weather	Users may be harmed by slipping on the inflatables. The ground may become soggy and loosen the pegs. 1	3	The hirer must be made aware of the risks by the operator setting the equipment up. Rain covers used when possible. The hirer must be advised that if the rain exceeds a shower, the equipment must be turned off and dried again before use. The equipment is not	Ongoing communication with the designated supervisor.

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<p>Inflatable becomes wet by spillage</p> <p>Using a petrol generator (the Inflatable is supplied with an electric cable, but it can be used with a petrol generator)</p>	<p>Users might slip and injure themselves</p> <p>1</p> <p>If other appliances are run from the petrol generator there could be a reduction in power to the Inflatable which could cause it to deflate</p> <p>1</p> <p>The generator could catch fire, injuring those near it. Loss of power could cause entrapment</p>	<p>1</p> <p>3</p>		<p>to be erected in the event of a weather warning for rain.</p> <p>Food and drink will not be allowed on or near the Inflatable</p> <p>No other appliances will be plugged into the generator</p> <p>An appropriate fire extinguisher will be kept near the petrol generator. Ensure that you know how many children on the unit at any one time to avoid entrapment on deflation as you can head count that all users are off the inflatable</p>	<p>Designated supervisor to ensure the rules are followed. Any spillages must be cleaned right away.</p> <p>Ensure that no spillages are made when filling the generator with fuel. No smoking near the generator. Only company staff are permitted to operate the generators.</p>

Heat coming from generator	Persons touching the generator could burn themselves when it is hot 1	2	Ensure company operator has gloves at hand to wear while handling the generator.	Ensure there is a warning sign or barrier in place to avoid any persons accidentally touching the generator. Strictly only company staff to touch the generators.
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Windy Weather	Users may be harmed by a moving inflatable. Users may become trapped inside a moving inflatable and then thrown from a height. 1	3	Ensure that equipment is safety tested. The equipment is not to be erected in the event of a weather warning or forecast weather warning. Operator must use anemometer to check for wind speeds the time of erection.	The designated supervisor must be advised that if the wind exceeds a 24mph, the equipment must be turned off and not used again until the wind subsides. An anemometer must be left with the designated supervisor in order for them to measure wind speeds.
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Overhead Cables	The inflatables or users may collide with cables and cause them to break and injure or electrocute users 1		3	Inflatables are not to be set up within 3ft distance of overhead cables.	

Vehicle hazard	Injury/crushing caused by an accidental vehicle collision	1	3	Ensure that all drivers are able to safely drive the size and specification of vehicle given to them to do their work. Ensure that the customers give us enough access information prior to the hire so that the company is aware of any potential hazards ahead of the hire.	Company drivers/operators to communicate to ensure that all drivers feel safe and comfortable to drive.
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Using the inflatable:

At least one allocated responsible adult is required to supervise the inflatable at all times. This can be a company operator or this can sometimes be done by the customer.

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Users jumping over the inflatable	Adults and taller users could jump over the sides of the inflatable.	1	2	Responsible person who will make sure that action is taken			

Constant supervision from the responsible supervisor. Supervisor to follow supervising guidance.

Responsible person who will make sure that action is taken

throwing themselves heavily against the walls, making the inflatable move or tear.

Adults and older users

The seams of the inflatable could split causing it to deflate very quickly or injure all of

those who are on it
adhered to by the supervisor whether this is the company or the customer.

Larger users colliding with smaller users	Smaller users could be injured by larger users	1	2
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Constant supervision from the responsible supervisor. Supervisor to follow supervising guidance.

step.

and will ask users to move back if they come too close to the front step. Terms and conditions and guidance to be given to customer prior to hire.

Users jumping off or falling off the front of the Inflatable

users on the inflatable could be injured by sharp objects or if the inflatable was punctured and deflated
1 3 Crash mats will be put down in front of the inflatable.

1 3 The inflatable will be checked thoroughly before it is used for any loose object or rips or tears on the equipment
Constant supervision from the responsible supervisor. Supervisor to follow supervising guidance.

Constant supervision from the responsible supervisor. Supervisor to follow supervising guidance.

Sharp objects that could puncture the inflatable or injure users
Users could be injured by falling forwards or jumping off the inflatable unit or front

At least one adult supervisor should be at the front of the inflatable at all times,

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Responsible person who will make sure that action is taken

Anchor points becoming untethered	The inflatable could move or tip, causing injury to the users on it, or anyone standing near it	1	1	Company operators to ensure visual inspections are done on anchor points throughout the duration of the event.			
				Responsible adults to ensure children do not play near the equipment at the rear or side of the inflatable			
				The responsible supervisor, should be at the inflatable at all times and must be of sound mind and not be under the influence of alcohol or drugs.			
Inflatable blower on ground near the Inflatable	People could trip over the blower and injure themselves, or cut off the power and cause the Inflatable to deflate	1	2	The responsible supervisor, should be at the inflatable at all times and ensure rules are followed.			
Alcohol being consumed at the venue.	Users may be harmed by under supervised equipment. Adults may go onto children's inflatables and collide with other users or cause a tear in the fabric.	1	3	What are the hazards?	Who might be harmed and how?	Likelihood	Level of harm
Fences / Walls /objects close to the Inflatable	Users may fall over the side walls into a fence, wall or object causing injury or death.	1	3	Choking Hazard	Users could choke on food while on the inflatable and this could cause injury or death	1	3

General guidance for responsible supervisors:

Responsible person who will make sure that action is taken

Designated supervisors and operators to enforce compliance to the safety rules

Splash Inflatables is insured for Public Liability risks in the event of damage caused to Hirers, their guests, or their property, whilst using the equipment, if the operation and safety Instructions given to the hirer are adhered to at all times. This is general guidance which is relevant to most inflatables, there will be more specific guidance in relation to each specific item of equipment found on the relevant risk assessment.

1. The equipment has a user height limit and user number limit, please ensure you know this before supervising. It can be found on the PIPA safety certificate and also on the inflatable itself (in the form of a sticker on the inflatable)
2. You must supervise the equipment at all times
3. Ensure that an area of at least 6 feet (2 metres) around the equipment is completely safe and clear at all times.
4. No food, drinks or chewing gum may be allowed on or near the equipment to avoid choking and mess.

5. Ensure children are clothed appropriately. All shoes, spectacles (if possible), jewellery, badges etc. must be removed before using the equipment. Make sure there is nothing dangerous that could fall out of a child's pocket.
6. No face paints, party poppers or silly string to be used on or near the equipment.
7. No smoking or barbeques near the equipment.
8. Climbing, hanging, summer saults or sitting on walls is DANGEROUS and must not be allowed.
9. Always ensure that the equipment is not overcrowded. It is best to avoid large and small children from using it at the same time. Ensure children don't behave in a manner likely to injure themselves or cause distress to others.
10. No pets, toys or sharp instruments on or near the equipment. If the equipment is not being used for any part of the hire, please switch the equipment off at the mains. Do not leave on and unattended.
11. Do not allow anyone to bounce on the front safety step as a user could easily bounce off the inflatable and get hurt. The step is there to assist users in getting on and off.
12. Do not allow anyone to be on the equipment during inflation or deflation as this is DANGEROUS.
13. Do not move or re-site the inflatable after being set up by Splash Inflatables.
14. In the event of heavy rain, the equipment must not be used and should be switched off at the mains. After, any wetness can be dried off with a towel.
15. In the event that the blower stops working:
 - please ensure all users get off the inflatable immediately
 - Check that the blower tube or deflation tube has not come undone or something is obstructing the blower.
16. In the event that the equipment overheats, or loses power:
 - Switch the blower off at the mains then switch it back on again 1 or 2 minutes later and it should restart.
 - If it does not restart inform us straight away.
17. No persons who are visibly intoxicated may be permitted to use the equipment.
18. In the event of high winds (over 22mph) remove any children from the inflatable and switch off until winds reduce. Wind can be extremely dangerous and can lift inflatables. Use the Anemometer provided to measure wind speeds.

19. You must continuously monitor the condition of the inflatable, checking for rips or tears, spillages or anchor points becoming loose. 20. Ensure users are not dangerously close to side walls or running near the blower or generators at the rear of the inflatable.

Robert Weir

Last updated: 21/04/2023

A handwritten signature in grey ink, appearing to read 'R Weir', is positioned below the printed name and date.

Review Date. This is a working document and changes and updates can be made at any stage.