Risk Assessment	Live 9 Events Ltd
Activity	Bouncy Castles & Combi Units (Castles with Slides)

Assessor	Molly Huthwaite	**Location of Assessment**	NG12 3UL

Risk Rating Matrix (RR)	**Likelihood (L)**		
Severity (S)	**Certain or near certain to occur (High)**	**Reasonably likely to occur (Medium)**	**Unlikely to occur (Low)**
Fatality; major injury or illness causing long term disability (High)	**HIGH (H)**	**HIGH (H)**	**MEDIUM (M)**
Injury or illness causing short term disability (Medium)	**HIGH (H)**	**MEDIUM (M)**	**LOW (L)**
Other Injury or illness (Low)	**MEDIUM (M)**	**LOW (L)**	**LOW (L)**

Hazards	**Who is at risk?**	**Controls in place**	**L**	**S**	**RR**
Loading, handling and transportation of equipment (Injuries caused by: heavy lifting, unacceptable access)	• Customers • Public • Employees/Staff	• All equipment must be handled correctly in line with manual handling. Only our staff should move the equipment. Manual handling should be reduced to a minimum by using the trolleys. • Ramps & lifts to be used where required and available. • All loads must be properly secured. • Where required, multiple persons must handle equipment. Individuals should not undertake anything that puts themselves or anyone else at risk. • Manual handling training is supplied to all staff annually. Under no circumstances shall anyone but our staff transport equipment.	L	H	Medium
Installation of equipment on site (Injury caused by: debris, tripping over equipment, related injury)	• Customers • Public • Employees/Staff	• The operator must have clear access to the setup area. The setup area must be level and free from any rubbish, debris and sharp objects, etc. The equipment must be inspected before, during and after installation to ensure it is free from damage. • Once installed, the item should not be moved by any unauthorised persons. The equipment should be set up away from any entrances or exits, ensuring it does not block any fire exits. • Always follow the manufacturer's instructions for setup and break down. • Any spare equipment must be tidied away and put in a safe place.	L	M	Low

Equipment instability (movement/lifting)	• Customers	• All anchor points used and checked. • Equipment secured with stakes or ballast in line with guidelines.	L	H	Medium
Electricity & cabling (Injuries caused by: trips, power cut-outs)	• Customers • Public • Employees/Staff	• The equipment requires access to a 13-amp plug socket or a 16-amp plug. The power socket ideally should be no further than 30- 40m away from equipment. • All electrical components are inspected and PAT every 6 months. • All cabling is to be routed away from walkways and any cables crossing footpaths or vehicle access routes are to be covered with cable ramps where possible • If the 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 40m away should the cable be routed out of the way of footpaths and vehicle access.	L	M	Low
Operation of equipment on site (Injuries caused by: overcrowding of the area, lack of supervision, not following operating rules)	• Customers • Public • Employees/Staff	• Always follow the user limitations for the item. • Participants are to queue in front of the equipment in view of the operator, who will control the queue. • Participants are not to overcrowd the area and keep a clear space around the item. • Spectators should be away from the equipment and not allowed to interfere with the equipment in any way. • Where our staff are present, the equipment will be operated and supervised by trained personnel at all times. All staff are trained, assessed as competent, and follow company operating procedures and safety guidelines. • In the absence of our staff, the control, supervision, and safe operation of the equipment becomes the responsibility of the hirer. A safety briefing and written operating guidance will be provided and must be adhered to at all times.	L	L	Low
Injury through incorrect set up (Injury caused by: positioning, insufficient anchorage)	• Customers • Public • Employees/Staff	• Equipment to be set up by trained staff only. • Once all items are set up a walk-around of the item is conducted by the staff member. • Equipment is to be set up by trained staff only, all staff are monitored by a manager for a 6-month period before being left unsupervised. All staff attend an in-house annual training course.	L	H	Medium
Weather	• Customers • Public • Employees/Staff	• Equipment to be set up by trained person only and in line with manufacturer guidance. • Equipment should not be used outdoors in extreme weather conditions or if weather warnings are in place. • Equipment should not be used in heavy rain or extreme weather conditions such as winds or gusts above 24 mph.	L	H	Medium

		• All inflatables are supplied with a wind anemometer to monitor wind speeds every 30 to 60 minutes. • Inflatables should be switched off should the wind or guest speeds reach 19mph. • All participants should vacate the equipment when the play area of the inflatables becomes wet and slippery. Do not use until dry. • If bad weather equipment can be set up inside providing adequate space.			
Injuries caused by lack of pressure	• Customers • Public • Employees/Staff	• The minimum air pressure inside the structural part of the inflatable should be 1kPA (100mm water gauge). • Prior to use and once set up all inflatables are tested with a manometer to give a pressure reading. • All staff are trained in how to take a pressure reading, how to rectify issues and the severity of low pressure.	L	H	Medium
Overcrowding	• Customers • Public	• Maximum user numbers enforced as per manufacturer/PIPA guidelines. • Queue system maintained. • Supervision at all times by the hirer or staff.	L	M	Low
Electrical failure	• Customers	• Equipment monitored during use. Emergency procedures in place for safe evacuation.	L	M	Low
Generator and risk of fire (Injuries caused by: fire, heat)	• Customers • Public • Employees/Staff	• All Generators are filled with fuel before delivery. • All Generators must remain a minimum of 5m away from equipment, petrol generators should be in an off-fenced area. Under no circumstances should anyone other than our team enter the fenced-off area where the generator is. • No smoking or BBQs should be within 5m of the equipment. • All hires where petrol generators will be used will be set up with an earth rod and a fire extinguisher provided. • The diesel generator has a lockable door which the display is located behind, this helps to prevent tampering, the emergency stop button is located in an accessible area in the event of an emergency. • The diesel generator is trailer mounted and should be locked up using the hitch lock and wheel lock to prevent it being moved or stolen. • All spare fuel is stored in suitable marked containers and a safe location. All items must be switched off during refuelling.	L	M	Medium
Injury through equipment defect (Injuries caused by: equipment integrity)	• Customers • Public • Employees/Staff	• All electrical equipment is inspected and PAT every 6 months. • All equipment has a visual inspection on set up and pack down, any dangerous defects are reported to the operator and equipment is taken out of action until required remedial works have been carried out.	L	M	Low

		• All inflatables are tested annually to PIPA or EN14960, depending on what testing regime the item falls under. • The user limitations provided by the PIPA inspector should be followed at all times. These are to allow for a safer evacuation in the event of deflation. • Our team are training in procedures should deflation occur.			
Slips, Trips & Falls (Injuries caused by slippery floor, cabling or activity)	• Customers • Public • Employees/Staff	• All cabling is to be routed away from walkways and any cables crossing footpaths or vehicle access routes are to be covered with cable ramps where possible. • If the area is too large then access should not be used and the client should provide cones to block off the area from vehicle access. • Participants instructed to move carefully and maintain footing at all times. • Participants instructed to slide feet first and not climb on sides or walls. • Safety briefing provided prior to use.	L	M	Low
Collision between users (including bounce & slide areas)	• Customers	• Number of users controlled in line with manufacturer guidelines. • Users grouped by similar age/size where possible. • No rough play permitted.	M	M	Medium
Falls within inflatable	• Customers	• Soft inflatable surfaces reduce impact risk. • Participants instructed to bounce safely and within their ability.	L	M	Low
Falls from entrance/exit	• Customers	• Participants instructed to enter and exit carefully. • Mats used where required.	L	M	Low
Mixing of age groups (children & adults)	• Customers	• Adults, older children and younger children separated where possible. • Clear rules in place to prevent mixed use if unsafe.	L	M	Low
Incorrect use (climbing walls, sides, flips)	• Customers	• Participants instructed not to climb walls or perform flips/somersaults. • Activity stopped if unsafe behaviour occurs.	L	H	Medium
Falling onto hard ground outside unit	• Customers	• Participants instructed not to jump off inflatable. • Exit area supervised and kept clear.	L	M	Low
Users colliding at entrance/exit	• Customers	• Entry and exit controlled and kept clear. • Participants instructed to move away immediately after exiting.	L	M	Low
Unsupervised use	• Customers	• Equipment supervised by responsible adult or trained staff. • Equipment not to be used when unsupervised.	L	M	Low

Falls from slide section	• Customers	• Participants instructed to slide feet first. • No climbing up the slide. • Safety briefing provided prior to use.	L	M	Low
Collision at base of slide	• Customers	• Exit area kept clear at all times. • Participants instructed to move away immediately after sliding.	L	M	Low
Users climbing up slide instead of steps	• Customers	• Participants instructed to use designated access steps only. • Unsafe behaviour stopped immediately.	L	M	Low
Congestion between bouncing and slide areas	• Customers	• Number of users controlled. • Participants spaced out and supervised where required.	L	M	Low

Date of Assessment	16/06/2019	**Status**	**Completed By:**
Date Assessed	17/04/2021	Complete	Molly Marriott
Date Assessed	16/06/2023	Complete	*Molly Huthwaite*
Date Assessed	13/05/2025	Complete	*Molly Huthwaite*
Date Assessed	16/04/2026	Complete	*Molly Huthwaite*
Next Review Due	16/04/2027		