



Mr Bouncy Castle

Risk Assessment – Laser Tag Arena

H = Harm, L = Likelihood, RR = Risk Rating (1-5)

Date: 10th Feb 2025

Hazard	Existing Control Measure	Further Control Measure to Reduce Risk	Risk Rating		
			H	L	RR
The area in which the castle is erected	1 meter clearing around the side	Check area for debris that can cause harm	1	2	2
Uneven Ground	The ground where the inflatable is set up should be even and smooth	Check the play area for any bumps or holes before setting up the inflatable			
Weather	Inflatables are not used if the weather is too wet. Maximum operating wind speed is 24 mph	Inflatables are anchored using 16mm x 380mm stakes. Staff are trained to anchor them into the ground with minimum protruding level and correct position.	3	1	2
Damage to equipment	Check equipment before use	Staff are trained to check the inflatables, ensure the zips are fully closed, the equipment isn't damaged and the fan is correctly secured to the tube	1	1	1



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Unnecessary injury to users	Ensure that no-one with a history of back, neck or heart problems uses the inflatable. The guns must not be used as a baton to strike other opponents	Participants are shown how to use the guns correctly and have a safety briefing before entering the arena	4	1	3
Crowd Control / Safety	Adequate barriers are in place when using the castle at large events	When monitoring the inflatable, staff ensure a safe distance is maintained while participants enter and exit the arena	2	4	3
Participant Collision	Ensure the arena doesn't exceed the maximum number of users.	Do not allow more than 10 users at one time	3	3	3
Trips	Stakes should not protrude more than 25mm above ground level. Staff check the inside of the inflatable before each session.	Ensure the electric cables don't cross over any pathways. Mats to be used at entrance and exits.	2	3	3
Injury from sharp objects	Ensure all sharp objects and shoes are removed	Ensure the inflatable is supervised by a trained member of our team	2	2	2
Boisterous Behaviour	Prevent users showing boisterous behaviour from using the castle	Do not allow anyone under the influence to use the inflatable.	1	1	1
Choking / Slipping	Ensure no food or drink is taken into the arena	Do not allow chewing gum	3	1	2



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Suffocation	Maximum evacuation time is 90 seconds. The Pods are all connected and it takes a long time to deflate after use, therefore participants have sufficient time to exit the arena.	A member of staff is always present when in use, to ensure the correct number of children exit the inflatable. They can also double check by the laser gun count.	5	1	3
Injury through lack of inflatable pressure	Do not allow anyone on or near the inflatable during inflation and deflation. Do not exceed the weight limit of 90 kg / 14 Stone.	Equipment is checked regularly for damage. Staff are trained to secure the inflation pipe securely to the fan.	4	1	3
Risk of fire from the Petrol Fan or Generator	Petrol Fans and Generators are fenced off and filled with fuel to limit re-fueling.	Spare fuel is always stored safely in a 'fit for purpose' Jerry can. Always ensure the castle is switched off for re-fueling.	2	1	2