



# Mr Bouncy Castle

## Risk Assessment – Obstacle Course

*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
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
Unnecessary injury to users	Ensure that no-one with a history of back, neck or heart problems uses the inflatable	No acrobatics	4	1	3
Crowd Control / Safety	Adequate barriers and mats are in place when using the castle at large events	Staff to monitor. A new user may not enter until another has exited the slide	2	4	3



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Participant Collision	Ensure the castle doesn't exceed the maximum number of users	Supervise the castle and maintain control. Max users can be found on the side of the castle on the PIPA test certificate	3	3	3
Falls from height	Do not allow participants to climb the walls, hang from or sit on the walls.	Supervise the inflatable	5	2	4
Trips	Stakes should not protrude more than 25mm above ground level	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 castle is supervised when being used	2	2	2
Boisterous Behaviour	Adult supervision in place. Prevent users showing boisterous behaviour from using the castle	Do not allow larger/older children on with smaller/younger ones. Do not allow anyone under the influence to use the inflatable	1	1	1
Choking / Slipping	Ensure no food or drink is taken on to the castle	Do not allow chewing gum. Do not use the castle in heavy rain	3	1	2
Awkward landings	Adult Supervision	Ensure users come down the slide feet first and at a safe distance apart	1	3	2



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Injury from overcrowding	Ensure an adult is there to supervise	At large events, safety fencing should be erected by the supervisors	3	1	2
Falling between the joint of the inflatable	Ensure all inflatables are at a good pressure and velcro is secure all the way round the joint	Users should be warned to take extra care at this section, not to congregate at the bottom of the slide and make their way through	1	3	2
Friction burns	Ensure heavier users wear long sleeves and trousers. When coming down the slide, go feet first and on your back.	Avoid putting elbows on the slide. Supervisor to warn heavier users	1	5	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