



## Norfolk Inflatables - Bouncy Castle Risk Assessment

HAZARD	Existing Control Methods	Harm 1-5	Likelihood 1-5	Risk 1-25	Additional Controls to Reduce Risk
Over enthusiastic participants - Users	Adult Supervision (Over 18)	1	1	1	Participants to be placed into groups of similar size/age
Jumping off of the front of the unit - Users	Adult Supervision at all times (Over 18)	1	1	1	Safety matting placed in front of the unit where necessary to prevent impact injuries.
No supervision	Item/s not to be used without full supervision	5	1	5	Item to be deflated and made inaccessible to use by the controller / supervisor whilst no in attendance.
Injury from contact with hard surfaces	Users should not be on the unit when inflating/deflating	4	1	4	Ask another suitable person to ensure no one enters the unit whilst turning on or off the electricity.
Tripping over anchorage points, spare equipment, electrical cables – User/Public	All anchor points used as per manufacturer's instructions, spare equipment, leads etc. stowed / erected safely	2	1	2	In event of large number of participants attending, where possible fencing erected. For additional safety electrical cables do not cross any public pathway. If unavoidable cables erected overhead or covered.
Adverse weather conditions – Users/Property	In heavy rain or high winds, the equipment should not be used. Electrical equipment must be stored in a sheltered area	2	5	10	Items should be deflated in high winds in co-ordination with EN14960 (maximum wind speeds of 24mph) We would recommend deflation before this wind speed is reached. Constant wind/weather monitoring at all times. Recordings to be made when reaching higher levels.
Injury through incorrect position of inflatable – Users/Public	Do not move or try to reposition the Unit or interfere with the anchor pegs or sandbags	1	4	4	
Danger of falling from height - Users	Climbing, hanging or sitting on walls is dangerous and must not be allowed	1	3	3	Supervision at all times by a responsible adult (over 18) Users that are too boisterous and refuse to behave responsibly should be removed from the inflatable.
Choking - Users	No eating or drinking on the unit	5	2	10	
Danger of unnecessary injury - Users	Ensure that no one with a history of back or neck problems, or who suffers from a heart problem or is under the influence of drugs or alcohol uses the equipment	5	2	10	During public events equipment advice signs to be placed where users would enter the item, warning of the dangers.
Injury by failure of equipment - Users	Supervisor to inspect equipment regularly	3	1	3	Check anchor points for security, internal air pressure, matting is in correct position, fencing/barriers are in place where needed.
Slips and trips - Users	Ensure that all walk ways are clear with no obstructions and that the unit is clean and dry	3	1	3	Ensure no liquids are used on or near the unit.
Risk of fire from heat source – Users/Public	No heat sources or naked flames near the unit	5	1	5	No BBQ's, Bonfires, Fire pits or any heat to be use around the unit. No smoking or vaping on or near the unit.
Risk of fire from blower or generator – Users/Public	All spare fuel stored suitable in a marked container in a safe place. Refuelling only to be done once switched off and allowed to cool down	5	1	5	
Injury from 3 <sup>rd</sup> party objects – Users/Public	Ensure the area is clear	3	1	3	Shoes to be worn whilst waiting to use equipment.

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Burns or cuts to skin – Users	Ensure all surfaces are free from sharp or rough areas	1	3	3	Socks are to be worn whilst using the item.
Falling between sections of equipment – Users	Ensure both sections are of adequate pressure and join securely	2	1	2	All items of inflatable play are inspected and tested with reference to EN14960 to prevent any entrapment issues.
Injury from overcrowding equipment - Users	Ensure maximum user numbers and heights are observed at all times	2	1	2	Where large numbers of users are present the need for more than one supervisor may be required.
Injury by collision of users - Users	All users must be of a similar size/weight/height	2	2	4	Users that are too boisterous and refuse to behave responsibly should be removed from the inflatable.
Boisterous or reckless behaviour - Users	Adult Supervision	2	2	4	No one under the influence of alcohol or drugs should be allowed on equipment.
Injury through incorrect anchorage – Users/Public	All anchor points used as per manufacturer's instructions	5	1	5	All anchorage installed in compliance with EN14960. All stakes/pegs are installed at 45-degree angle, and are of the correct length and diameter (Minimum of 380 x 16mm)
Tripping over anchorage / ropes – Users/Public	All anchorage stakes/pegs are installed as per manufacturer's instructions with less than 25mm above the ground	2	2	4	All high-level guide ropes where necessary are made highly visible and kept taught to prevent the risk of strangulation
Unit Lifting or tipping over – Users/Public	Ensure that all anchorage points on the unit are used correctly with the appropriate pegs/stakes	3	1	3	Ensure that no inflatables are erected or used in wind above 24MPH as recommended in EN 14960. This is monitored using a anemometer both before & during use readings should be recorded
Being struck by falling objects - Users	Inflatables will not be setup under trees	2	1	2	All equipment should be setup at least 10Ft away from any possible falling objects
Danger of electric shock - Users	All equipment is tested for electrical safety (PAT)	5	2	10	All electrical items used are suitable for use outdoors. We recommend switching off in heavy rain.

New/Additional Risk Identified At Setup To Be Added Above