



RISK ASSESSMENT - BOUNCY CASTLES

www.elliottsbouncycastlehire.co.uk

HAZARD	EXISTING CONTROL MEASURES	HARM	LIKELY HOOD	RISK	FURTHER CONTROLS TO REDUCE RISK	RISK ACCEPT Y/N
Not anchored correctly	Equipment installed by trained person using recommended industry ground stakes	4-5	1	5-6	Supervisors to check hourly for security of anchorage during operation	
Over enthusiastic participants	Adult supervision at all times	2	1	3	Full list of Operating Instructions issued when not manned by Controllers staff	
Jumping off equipment	Adult supervision at all times	2	1	3		
Trip hazards - anchor points/spare equipment	Equipment installed by trained person	2	1	3		
Larger participants colliding with smaller participants	Participants put into groups of same size. Adult supervision at all times	2	2	4		
Extreme wind conditions	Check weather forecast for area before installing. Operation to cease if wind speeds exceed 38k/h (24mph)	3-5	2	5-7	Wind conditions to be checked at 15 minute intervals. Use an anemometer if available and record readings/time	
Soft ground	Manual check on ground by trained person	3-5	2	5-7	If necessary triple stake anchor points	
Electric shock - cables / fan	All power supplies to be RCD protected.	4	1	5	Ensure all trailing cables do not cause a trip hazard	
Interference from spectators	Place a fence / rope around the unit. Adult supervision at all times	3-5	2	5-7	Where large numbers of public are expected to attend additional supervisor will be required. Substantial fencing to be used	
Burns from petrol fans/generators	Petrol fans/generators to be fenced off	1-3	1	2-4	Generators to be sited as far away as possible from participants/spectators	
Power/equipment failure	Equipment check at each installation. Ensure power supply control is not accessible to participants /spectators	3-5	1	4-6	Equipment is tested annually and periodic routine checks (3 months) carried out	

Risk Assessment carried out by:		Date:		Any other action required?
--	--	--------------	--	-----------------------------------



Glossary	
EN 14960	European Standard accepted as inflatable industry standard
Controller	Owner of equipment
Supervisor	Person supervising equipment. Must be over 18 years of age. Appointed by controller at staffed events
Attendant	Person working under the control of the Supervisor and must be over 16 years of age.

THE NUMBERS EXPLAINED

HARM		
Slightly Harmful - (1-2) - Injured party may require First Aid treatment	Harmful - (3) - Injured party requires more than First Aid treatment and a trip to hospital	Extremely Harmful - (4-5) - Injuries including amputations, major fractures, multiple of fatal injuries.
1=no injury 2=cuts, grazes, bruises 3=fractures, serious cuts, eye injuries 4=multiple fractures, head injuries, electrocution 5=fatality		
LIKELIHOOD		
Highly unlikely - (1) - More than two events must occur at the same time to cause harm	Unlikely - (2) - More than one event must occur at the same time to cause harm	Likely - (3-5) - One event resulting in harm or the potential harm
1 = Unlikely to occur 2 = May occur 3=Likely to occur 4=Probably will occur 5=Certain to occur		
RISK		
Low (trivial) - medium (tolerable) (1-10) No action required or no action required but monitor and review	Medium(tolerable) -high(moderate) (9-15) Efforts should be made to reduce the risk May require additional control to be put in place	High(moderate) -Substantial/intolerable - (12-25) The activity must not commence until the risk is reduced. if unable to reduce the risk then the activity should remain prohibited