

## RISK ASSESSMENT

**Risk Level Diagram**

<b>Operation:</b> Use of inflatable bouncy castle (general)	Ref. No. 001	Issue date: August 2021
	Review date: August 2022	Authorised by: Martin Ross

<b>LIKELIHOOD</b>	5	10	15	20	25
	4	8	12	16	20
	3	6	9	12	15
	2	4	6	8	10
	1	2	3	4	5

L - Likelihood: S - Severity: L x S = RL - Risk Level.

High risk task MUST NOT proceed, Medium risk task MAY proceed if all controls are in place, Low risk task Can proceed

**SEVERITY**

TASK	HAZARD	WHO IS EXPOSED?	LIKELY HARM	EXISTING RISK			CONTROLS MEASURES	NEW RISK		
				L	S	RL		L	S	RL
Use of bouncy Castle	Live electricity	Users, spectators, visitors	Electric shock	3	5	15	All electrical equipment is PAT tested annually. All electrical equipment is visual checked before and after each use for wear. All electrical equipment is IP rated to at least 44 and suitable and rated for outdoor use. RCD to be in use at all times.	1	5	5
Use of bouncy Castle	Trailing cables, guy ropes etc	Users, spectators, visitors	Slips, trips & falls causing broken bones, dislocations etc	3	4	12	All cables or leads are ran around the perimeter of the site. Power source to be no further then 25m from equipment. If crossing any foot paths or public areas cables to be covered or obstructed to reduce risk of tripping. Installation team to ensure no equipment is left after set up or collection, Users restricted to the area to the front of the inflatable only – an exclusion zone is to be set up to incorporate all guy ropes/tie downs etc	1	4	4

Use of bouncy Castle	Wet weather	Users, spectators, visitors	Slips, trips & falls causing broken bones, dislocations etc	3	4	12	Inflatable may have a shower cover which reduces the amount of rain on the inflatable. Inflatable not to be used in showers or rain due to increased slip risk. Inflatable to be towel dried once rain has stopped before use again.	1	4	4
Use of bouncy Castle	High winds	Users, spectators, visitors	All of above	3	5	15	Inflatable not to be set up in winds of speeds over 24mph as per BSEN 14960:2013, if over this amount event to be called off or delayed until wind speed reduces. Inflatable to be anchored using all available anchor points include high level anchor points. Inflatable to be secured into the ground using metal stake inflatable pegs measuring at least 380mm in length and 16mm in thickness to conform with BSEN 14960:2013. Anchor pegs to be hammered into the ground at a 45% angle and to a level of no more than 25mm above ground to maximise resistance and meet BSEN14960:2013. Inflatable and anchor points are checked annually using the PIPA inflatable testing scheme and on each hire before and after to ensure there has been no damage. Wind Speeds to be visually monitored throughout the event by hirer or event staff -Beaumont Force 5 is a fresh breeze when small trees in leaf begin to sway anything above is not safe. weather forecasts are also used to predict the weather and wind speeds for the day of the event to pre-warn of any likely changes.	1	5	5
Use of bouncy Castle	Manual handling	Users	Sprains, strains, broken bones etc	3	3	9	All members of staff are trained in manual handling techniques. All members of staff not to lift any weight they cannot comfortably manage – maximum 25Kg (male) 16Kg (female) Staff to use suitable barrows/ trolleys to move equipment	1	3	3



