

INFLATABLE DISCO CASTLE/DOME RISK ASSESSMENT

HAZARD	WHOS AT RISK	WHAT IS THE RISK	CONTROL MEASURES	RISK RATING	ADEQUATE CONTROL MEASURES?
Electric shock	Operator Participants Spectators	Injury to operators Injury to participants Injury to spectators	All electrical equipment is PAT tested annually. All electrical equipment is visually inspected before and after each use of wear. All electrical equipment is IP rated to at least 44 and suitable for outdoor use	Low	Yes
Slips, trips and falls	Operator Participants Spectators	Injury to operators Injury to participants Injury to spectators	All wires or leads are ran around the perimeter of the site. Power source to be no longer than 45m from the site. If crossing any footpaths or public areas wires 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.	Low	Yes
Bad weather rain/showers (if outdoors)	Participants	Injury to participants	Inflatable may have a weather 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.	Low	Yes
Bad weather high winds (if outdoors)	Operator Participants Spectators	Injury to operator Injury to participants Injury to spectators	Inflatable not to be set up in wind 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. 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 no more than 25mm above ground to maximise resistance and meet BSEN 14960:2013. Inflatable and anchor points to be inspected annually using the pipa/rpii inflatable testing scheme and on each hire before and after to ensure there has been no damage. Wind speeds to be 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 - wind speeds of over 24mph all users to be removed from the inflatable until the wind speed reduces. Weather forecast are also used to predict the weather and wind speeds for the day of the event to pre-warm of any likely changes.	Low	Yes
Users behaviour	Operator Participants	Injury to operator Injury to participants	All users must be supervised at all times by a responsible adult or a trained company member. Users are limited in numbers by the recommendation of the inspectors as stated on the front of the inflatable. All users are explained do's and dont's before using the inflatable i.e. no jumping of the front of the unit, no sommersaults, no climbing walls etc. Users to be split into height groups or limited in numbers to reduce collision risk. Safety mats to be placed at the front of the inflatable. No user taller than the inside walls to use the inflatable at all times. No users under the influence of alcohol or drugs to use the equipment. No users with a history of back, neck or heart problems, pregnant, feeling unwell or any other medical conditions should not use the equipment. Users must wear suitable clothing and remove shoes, any loose or sharp objects, jewellery or personnel belongings from their pockets. Speakers to be set at a low comfortable volume level and not to be turned up to prevent damage to users hearing in an enclosed area. Users with a sensitivity to light, lights, flashing lights, LED's or epilepsy shouldnt use the equipment.	Low	Yes
Choking	Participants	Injury to participants	No food drink or chewing gum to be allowed on or near the inflatable at all times	Low	Yes
Manual handling	Operator	Injury to operator	All members of staff to be trained in manual handling. All members of staff not to lift any weight they can not manage. Staff to use sack trolleys to move all heavy equipment.	Low	Yes
Power loss	Participants	Injury to participants	If generators are being used fuel level to be checked every hour. Ensure enough fuel is available to cover the duration of the hire. In the event of power loss remove all participants in a safe and calm manner immediately. All inflatables designed to keep enough pressure for all users to evacuate the inflatable in a safe and calm manner.	Low	Yes

In the event of a emergency or someone is seriously injured **DO NOT** move the individual leave the inflatable turned on remove all other users in a safe and calm manner and call 999 immediately and contact our company A.S.A.P

The above information is based on the manufacturers operating guidelines and Bling Castles extensive use and experience of operating the equipment within current HSE requirements. The above risk assessments should be read in conjunction with Bling Castles current Method of Statement. Bling Castles holds £5 million public liability insurance subject to the company's terms and conditions. Any incidents must be reported to Bling Castles immediately. If you have any questions relating to the use of the equipment, please contact Bling Castles
Risk assessment completed and reviewed on 20th May 2019 by David Bingham