



### MEGA INFLATABLES RISK ASSESMENT 2024

HAZARD	WHO IS AT RISK?	WHAT IS THE RISK?	CONTROL MEASURES	RISK RATING	ADEQUATE CONTROL MEASURES
Electric shock	Operator Participants Spectators	Injury to the operator Injury to the participants Injury to the spectators	All electrical equipment is PAT tested annually.  All electrical equipment is visually checked before and after each use.  All electrical equipment is IP rated to at least 44 and suitable and rated for outdoor use	Low	Yes
Slips, trips & falls	Operator Participants Spectators	Injury to the operator Injury to the participants Injury to the spectators	All wires or leads are ran around the perimeter of the site. Power source to be no longer than 25m from equipment. If crossing any foot paths 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 are to the front of the inflatable only.	Low	Yes
Bad weather rain / showers (if outdoors)	Participants	Injury to participants	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.	Low	Yes
Bad weather high winds (if outdoors)	Operator Participants Spectators	Injury to the operator Injury to the participants Injury to the spectators	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 delays 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 BSEN 14960:2013. 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 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.	Low	Yes
Users behaviour	Operator Participants	Injury to the operator Injury to the participants	All users must be supervised at all times by a responsible adult or a trained company staff member. Users are limited in numbers by the recommendation of the manufacturer as stated on the front of the inflatable safety panel. All users are explained do's and don'ts before using the inflatable i.e. no jumping of the front of the unit, no summersaults, no climbing walls etc. Safety mats are placed at the front of the unit. Users to be split into height groups or limited in numbers to reduce collision risk. Only one users at a time on the slide element. No users under the influence of alcohol or drugs to use the equipment. No users with a history of back, neck and heart problems, pregnant, felling unwell or any other medical conditions should not use the equipment.	Low	Yes

			Users must wear suitable clothing and remove any loose, sharp objects, jewellery or personnel belongings from their person.		
Manual Handling	Operator	Injury to the operator	All members of staff are trained in manual handling. All members of staff not to lift any weight they cannot manage. Staff to use sack trolleys to move equipment.	Low	Yes
Power Loss	Participants	Injury to the participants	If generators are being used fuel level to be checked each hour. Ensure enough fuel is available to cover the duration of the hire. All inflatables designed to keep enough pressure for all users to evacuate the inflatable in a safe and calm manner.	Low	Yes

The above information is based on the manufacturers operating guidelines and Mega Inflatables Ltd, extensive use and experience of operating the equipment with current HSE requirements. The above risk assessment should be read in conjunction with Mega Inflatables Ltd method statement.

Mega Inflatables Ltd holds £5 million public liability insurance subject to the companies terms & conditions. Any incidents must be reported to Mega Inflatables Ltd. If you have any questions relating to the use of the equipment, please contact us [office@megainflatables.co.uk](mailto:office@megainflatables.co.uk) or 07807 465 396. Risk assessment completed and reviewed by Mark Tydeman 11<sup>th</sup> January 2024