

# General Risk Assessment Inflatable Assault Course

Date of Assessment:	1/11/2017	Name of Assessor:	Gary MacAlister
Location of Assessment:		Approved by:	Hayley Bell
Affected:	Contractor	Staff	Visitor
			General Public



Low	Minor	Serious	Major	
Red	Red	Red	Red	Inevitable
Yellow	Yellow	Red	Red	Probable
Green	Green	Yellow	Yellow	Possible
Green	Green	Green	Green	Remote

### Risk Rating Matrix

All Risk Assessments must be written by a Competent Person.  
 The Risk Rating should be determined using the matrix set out on the right.  
 Hazards should be assessed before & after determining what the control measures will be.  
 Once a final Risk Rating has been established the rules set out below must be applied.

### Additional Safety Information

Public Liability Insurance must be in place prior to using this equipment.  
 Staff should have access to first aid kit, mobile telephone & emergency contact details.  
 This risk assessment covers both the standard & large assault courses.

HAZARD	POTENTIAL INJURY / HARM	RISK	CONTROL	Residual Risk
		Severity vs. Likelihood		
Assault Course moving / blowing away	Bruising, broken bones, head injury, unconsciousness, death	High	All Inflatables should be anchored / pegged down during use at all times. Use all available anchor points on the inflatable. At times when the wind is a significant hazard, then the activity should cease. (see manufacturers guidelines for recommended limits)	Low
Equipment Failure – Damage whilst in use (users)	Entrapment, Bruising, broken bones, head injury, unconsciousness, death	Medium	The assault course run must be visually checked prior to each use to check for defects or faults. If there are any concerns, the activity must not continue until the issue has been adequately fixed. This may mean cancelling the event if the fault has the potential to cause harm to users. Remove shoes and all sharp objects from users prior to use.	Low
Equipment Failure – Damage whilst in use (surroundings)	Entrapment, Bruising, broken bones, head injury, unconsciousness, death	Medium	Assault course must be located on flat ground away from hot objects (fires / BBQ's), power lines, stones, gravel, broken glass or overhanging trees.	Low
Equipment Failure – Poor maintenance	Entrapment, Bruising, broken bones, head injury, unconsciousness, death	High	All inflatable equipment should be checked annually in line with PIPA test recommendations ( <a href="http://www.pipa.org.uk">www.pipa.org.uk</a> ). Failure to undertake and record checks on equipment could lead to failure.	Low
Instructors not following set-up instructions	Entrapment, Bruising, broken bones, head injury, unconsciousness, death	Medium	All instructors must have received training on the set-up and use of the assault course. It must be set up in accordance with the instruction manual, and not adapted in any way in which to add additional risk to the activity.	Low
Diesel Generators	Burns, Fire, asphyxiation / diesel fumes	Medium	Diesel generators must be tested & serviced each year. Staff must be trained in the use of the generator. Diesel generators are only to be used in outside venues which allow natural ventilation of any fumes. Generator & blower must be located at least 1.2m away from the inflatable.	Low

	HAZARD	POTENTIAL INJURY / HARM	RISK	Control	Residual Risk
			Severity vs. Likelihood		
	Electrical Generator	Burns, Fire, Electrocution, electric shock, unconsciousness	Medium	Electrical generators must be Portable Appliance Tested (PAT) at least annually, possibly every 6 month if in heavy use. Visually inspect all wires and plug prior to use for any obvious signs of damage, and do not use if damaged. Only use inside, or outside in dry conditions. Use an RCD for protection.	Low
	Collision	Injuries caused to participants, Entrapment, Bruising, broken bones, head injury, unconsciousness, death	High	To be manned by 2 trained staff at all times. Maximum numbers are: Up to 1m tall – 12 users. Up to 1.25m – 12 users Up to 1.5m tall – 12 users Over 1.5m tall – 10 users. No more that the above numbers are allowed on the equipment at any one time. Rules to be clearly policed by staff, and users ask to leave if these are not being followed. Do not allow larger children or adults to endanger smaller children.	Medium
	Slip, Trips and Falls	Injured Caused by falling over pegs, steps, power cables, Burns, Shock, Fire	Medium	Cover any trailing wires with wire covers. Agree a safe route for wiring prior to use at large events or fetes. Do not block any emergency access routes or fire exits. Surrounding mats should be provided at the entrance to the assault course, and these must be in good condition.	Low
	Unsupervised use	Entrapment, Bruising, broken bones, head injury, unconsciousness, death	High	If the assault course must be left unsupervised at all, then it must be deflated, and left in a way that it cannot be turned on by anyone else.	Low
	Manual Handling	Back injury, muscle strain, sprains, hernia	Medium	The assault course is heavy when deflated, and will require a mechanical aid or a 2 man lift to move from the van to the location of use. Do not attempt to move any heavy objects is they are beyond your personal limits. All staff should receive manual handling training on an annual basis.	Low
	Poor lighting	Entrapment, Bruising, broken bones, head injury, unconsciousness, death	Medium	The assault course must only be used in adequate light, either natural or artificial. Failure for the users to be able to see the equipment during use could lead to an increased risk of accident. If there is insufficient light to run the session, then it must be stopped. Do not use fire near the equipment to give off light.	Low