

Risk Assessment For
 AR Entertainment's
 Mount Pleasant Way
 Stokesley Business Park
 Stokesley North Yorkshire
 TS9 5NZ

ASSESSMENT UNDERTAKEN
 Date..... 29/03/2017
 Signed..... R D Booth
 Equipment **SURF WAVE SIMULATOR**

ASSESSMENT REVIEW
 1st: Sept 2017
 2nd: Mar 2018
 3rd: Sept 2018
 4th: Mar 2019

LIST OF SIGNIFICANT HAZARDS

GROUPS AT RISK

EXISTING CONTROLS covered by information held

Blower/Power Failure	Participants		Operators are instructed to tell participants to remain exactly where they are until the problem is resolved or the inflatable becomes safe to walk off
Overloading	Participants		Operators are instructed to only allow one participant on the inflatable at once
Collision when exiting the inflatable	Participants Crowd		Inflatable to have an appropriate crowd barrier at a safe distance from the exit
Fire	Participants Crowd/Operator		Operators to site inflatable away from naked flames and forbid smoking on and around the inflatable
Inflatable tipping over	Participants Crowd		When on grass the inflatable is always pegged, with front pegs flush to the ground if on concrete adequate sandbags are used to prevent movement
Electric shock	Operator		Electrical units are visually inspected for obvious faults, fused Ext. cables are used and equipment is P.A.T. tested once a year
Drunk or intoxicated Participant	Participant Spectators		Operator to monitor equipment at all times & stop anyone participating that is visibly intoxicated.
Excessive Wind	Participants	On Grass	Check type of soil type under grass - clay has a lot stronger hold than sand Securely double peg all anchor points into the ground.
		On Hard Standing	All supplied weights to be used and anchor to fixed objects if required. If wind speed exceeds 35km/h on windometer or if pegs start to move in the ground or weights start to move when in use, immediately evacuate & deflate until wind has dropped and operator deems appropriate to re-start.

SURF WAVE SIMULATOR

Safety Data Sheet

Equipment required:

	No req	In Van
1.5hp Blower, Ext Leads max 30 mt	1+	
Plug converters, Splitter		
Surf inflatable	1	
Control Box, Flight case and KEY	1+1	
Motion System + 2 bolts	1+2	
4 Long Gold Legs	4	
19mm Spanner/Adjustable	1 + 1	
Surf board & bolt	1+1	
Thick Groundsheet		
6 Pegs & Hammer / sandbags		
Repair Kit		
Transformer		
Ramps	2	
Map & Key & First aid kit		
Minimum age sign	1	
Generator & surge protector		
Posts & Bunting/Hazard Tape		
Camera, video, tri-pod		
ext or splitter & reconvertor		
Crash Mats		

Assembly Instructions

- 1 Place Groundsheet down on required firm flat level area
2. Wheel motion system into position Max 30mt from power supply
If running on a generator it must be a 6.9kva, 5500 watts and have **Auto voltage regulator / surge protector & nothing else running off it.**
3. Insert 4 legs & ensure springs are secured between each of legs
4. Plug in grey armored Cable from console to the base unit
- 5 Place inflatable over motion ride
6. place ride attachment on motor and secure
7. Close 1 deflation zip & attach fan and inflate
8. If on switching on control unit the power supply trips out, switch off, place transformer between power source and control unit.
- 9. When running of a generator a surge protector MUST be used**
As soon as participant begins to fall release control lever and the board will stop. or use preset buttons and stop the ride with red stop button

10. place crash mats in front of inflatable

Operator Instructions:

1. When participant is securely on use either joystick or pre set buttons to operate surf board
2. Starting slowly and increasing speed with clients capability
Operator to observe rider at all times.
3. Release joystick or press red stop button as soon as participant begins to fall.
4. If ride stops moving check leads underneath on motion base
5. Minimum height on ride 1.2 metres. Minimum Age 10 years old

I have read and fully understand the risk assessment, assembly & operating instructions and any other safety procedures in relation to:

Surf Machine

Signed:

Date:

Event Manager/Trainer:

Print name:

Print name: