

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

ASSESSMENT UNDERTAKEN
 Date: 29 Mar 2017
 Signed: R D Booth
 Equipment **FOAM CANNON**

ASSESSMENT REVIEW DATE:
 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

Electric shock	Operator Staff & Customers	Electrical units are only operated by trained AR Ents Staff. They are visually inspected at each event, segregated from the public by a raised area or safe distance maintained by barriers or or security staff. The Foam Cannon has a valid PAT test certificate, fused extension leads & RCD Circuit breaker.
Cables	Customers	Cables/leads are carefully positioned away from customers and taped down. RCD circuit breaker fitted.
People	Customers	The DJ is told to warn the public before the foam is switched on and to inform them of the following 3 points: 1. People with sensitive skin, skin problems/disorders are advised to stay out of the foam 2. Participants are advised to wash all areas which had contact with foam as soon as possible. 3. It is recommended to reduce contact on sensitive areas of skin. 4. Always alert the public before the foam is switched on. Warning posters throughout the venue also advise of the above 3 points.
Overcrowding	Customers	Management of sessions. Foam combined to a particular area. Security staff around the area to supervise customers and numbers within the area. DJ announcements if and when required.
Slippery floors	Customers	In all sessions foam directed above the heads limiting the amount on the floor Operators display clear signs warning people that floors will be slippery and that caution should be taken.
Foam Cannon falling Visibility impaired	Customers Customers	Equipment securely mounted in safe positions on stands so no risk of falling. AR Ents staff to manage & restrict foam release if required to stop steps & obstacles being obscured and to confine foam to designated areas and directed above customers. DJ & Security staff around the area to ensure no glass or bottles are taken on the dance floor. Warning posters throughout the venue also advise of no glass on the dance floor.
Fire	All	Equipment maintained in good order with RCD device fitted in event of power surge. Fire precautions present in the unit.
Foam Chemical	Staff & customers	Safety data sheet for mixed solution indicates chemical classed as non-irritant. All persons instructed by posters and announcements by the DJ to wash off foam traces as soon as possible.
Eye irritation	Customers	Foam cannons not to spray directly into peoples faces. Warnings by posters and venue to wash all affected areas concerned.

FOAM CANNON

Equipment required

	No req	In van
Foam Cannon		
Base Trolleys + tray		
Extension Leads		
Plug converters & RCD		
Mixed barrels		
Repair Kit		
Measuring Jug & fan	1+1	
Spare Sock & Tie Raps	1+2	
Drainage hoses with fittings		
Safety Data Sheet on Foam Concentrate	1	
Venue Notices + blue tack		
Map & Key & First aid kit	1+1+1	
Cannon nosel extension (washing machine)	1	

Loading checked by:

Return loading checked by: Event Manager

Assembly Instructions

1. Put stands in required position
2. Place Cannons onto stands with swivel wheels at the front.
3. Projection of foam to be clear of lights and electrical appliances.
4. Mixture to be put on base stand and lifted to prime pumps if required. Connect drainage pipe and run back into barrel
5. Test once set up, check projection of foam & both pods are working.
6. All power leads to be taped down and not causing any hazard to the public.
7. All venue notices to be put out in entrance, ladies & gents toilets and around venue in areas that stay well lit throughout the night.

Operating instructions:

1. Always switch on F few seconds before P.
2. After P switched on if no foam in 5 seconds lift barrel to assist in priming pump.
3. Use vinyl record or clipboard to deflect foam if required
4. Liase with DJ/Management ref safety procedures and operational times.
5. If safety is compromised switch off and alert necessary parties to rectify before continuing.
6. Always switch P off first few seconds before switching off F
7. At the end of the night run hot water through machine to clean pipes
8. Sponge inside before moving to remove excess moisture.

Safety Instructions:

Make sure the Manager and DJ/Event Organiser are aware of the following, Public to always be made aware of,

1. Anyone with sensitive skin, skin problems or disorders advised to stay out of foam.
2. Keep foam away from sensitive parts of the body.
3. Have a wash when you return home.
4. Always alert public before foam is switched on.
5. No glasses or bottles to be taken into the foam area

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

Foam Cannons

Signed:

Date:

Event Manager/Trainer:

Print name:

Print name: