



Risk Assessment

Equipment / activity: Snow Machine

Date: 05/01/2023

Hazard	Who is at risk?	Possible effects/harm	Likelihood (high, medium, low)	Evaluation & Control Measures	Revised risk rating (high, medium, low)	Are there adequate control measures in place?
Artificial Snow Fluid.	Participants	Poisoning, slip.	Low	The fluid should only be handled by trained staff. In the event of spillage, the liquid should be cleaned up immediately. If any liquid is consumed, immediate emergency medical advice is needed.	Low	Yes
Artificial Snow	Participants	Eye damage, Stomach upset	Low	Care should be taken not to avoid contact with the eyes. Snow should not be consumed. In the event of the artificial snow entering the eye, causing irritation, or being consumed, the person should seek medical advice.	Low	Yes

Cables/ wiring	Participants, spectators, operator	Trip, electric shock	Medium	All cables should be covered where necessary and kept away from walkways etc. All electrical equipment to be PAT tested. Set up should be away from all sources of heat and water.	Low	Yes
Equipment failure	Participants, spectators, operator	Injury from equipment collapse	Low	All equipment to be checked prior to installation. All electrical equipment to be PAT tested. Suitable clothing to be worn, shoes removed and watches and jewellery to be removed or secured to avoid damage to the equipment.	Low	Yes

Weather	Participants, spectators, operator	Injury from equipment collapse, equipment moving in the wind or becoming wet	Medium	Snow machine should not be used outside during wet weather conditions. If the weather changes during the event and it begins to rain, the machine should be switched off and placed indoors.	Low	Yes
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Risk rating

High

For example:

- fatality possible to one or more individuals however infrequent
- major injury to few individuals occurring frequently
- likelihood of long term muscular-skeletal problems affecting significant numbers of staff

Immediate action required

Medium

For example:

- major injury to one/few individuals occurring infrequently
- likelihood of long term muscular-skeletal problems affecting some staff. Requires attention as soon as possible

Low

For example:

- minor injury occurring infrequently to few staff.
Not a priority, may need attention if not as low as reasonably practicable.