

HANSEL & GRETEL

Risk Assessment Version 4

Hazard	Who is at risk?	How they are at risk?	Control Measures undertaken to reduce risk
Working in subdued Lighting	Cast and Crew	Risks of Trips, Falls, Cuts, Abrasions.	<p>Full familiarisation of environment to be undertaken.</p> <p>All cable runs to be taped and secured.</p> <p>Any movement in low lighting to be thoroughly worked through in full light prior to performance.</p>
Working at Height	Cast and Crew	Slips, Falls, Cuts, Breaks, Strains	<p>The Cast are trained in physical performance and have had adequate time to rehearse all movements in working light and then in technical rehearsals.</p> <p>Various ropes to aid ascent and descent are in place, all of which have sufficient SWL for all action they are used in.</p> <p>The ladders that form part of the set are all pitched as opposed to vertical to aid ascent and descent.</p> <p>All steel work and fixings in the structure are well within safe parameters to hold a dynamic load.</p> <p>Nobody is to climb on and use the structure when alone in the building.</p>
		Falls from height whilst working.	<p>All crew have been taken through the safe working practices of working at height on the structure.</p> <p>Where possible appropriate PPE will be used and supplied.</p>

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Working on a raked stage	Cast and Crew	Back injury, aches and sprains	<p>The pitch of the rake is just below 1:12 which is deemed safe by the various theatrical governing bodies.</p> <p>The cast and crew have been instructed on the correct way to spend large periods of time on an angled floor, namely changing position frequently to avoid the body compensating for standing on an angle.</p> <p>The various effects and props have been thought through with the rake in mind. For further detail of this please see the attached method statements.</p>
Working Long hours	Crew and Cast	Mistakes caused through tiredness. Fatigue.	Scheduled breaks will regularly be provided throughout the day.
Working with tools	Crew	Injury caused through misuse/ accident.	Tools will only be used for their intended purpose to minimise the risk of injury.
Trailing cables	Crew and Cast	Trips and Falls.	Cables will be laid to avoid walkways where possible. All cables that cross over walkways will be securely taped down and where possible go over doorways.
Food consumption	Cast	Food Poisoning	Food will be stored in an appropriate space. Food will be used in compliance with food safety regulations. The member of the stage management team that handles any foods will comply with the hygiene standards required. Food will be prepared at the latest possible stage.
Cast Barefoot	Cast	Injury to feet	Any movement without shoes will be severely limited and carefully rehearsed due to the nature of the rough floor surface.

Chopping wood	Cast, Audience	Splinters, cuts, impact injuries	<p>The two wood chopping moments have been choreographed to remove the possibility of the audience coming in to contact with the wood at any point.</p> <p>This action has been looked at thoroughly in technical rehearsals and repeatedly tested to confirm the trajectory of any timber used. The axe used, while sharp, has a carefully plotted journey through its movement from off stage to on and vice versa.</p>
Lighting equipment on the set structure and floor.	Cast and Crew	Electrocution, burns and shocks	<p>All equipment used has been PAT tested and installed by competent electricians. All lanterns on the structure will be safety bonded as an addition to its normal coupling. The structure has been earthed. Any lanterns rigged under the floor will take into account the heat produced and appropriate distances will be observed. The steel sub frame of the floor has been earthed.</p>
See saw contraption	Cast and audience	Sprains, Cuts, Bruises	Please see attached Method Statements
Flown objects	Cast and Crew	Head wounds, Cuts, abrasions, rope burns.	Please see attached Method Statements
Chicken feeding contraption	Cast and audience	Particles in eyes	<p>This device has been thoroughly tested and while the intention is for the grain to rain onto the audience; the possibility of injury has been deemed to be extremely minimal. After testing various substances, the grain that has been chosen to be used has been seen to produce the minimal amount</p>

			of dust.
Changes of levels across the various areas of the stage	Cast and Crew	Sprains, falls, cuts and bruises	All action across these areas has been thoroughly rehearsed and light levels adapted to make movement safe.
Petrol powered Leaf Blower	Cast, Crew, Audience	Explosion, Fire, Particles blown into eyes	Only the smallest amount of fuel needed will be placed in the fuel tank. The device is hand held and removable from the stage should anything untoward occur. The action with the blower has been choreographed carefully with regard to the seeds already littering the stage floor. While some of the seed inevitably gets blown from the stage into the auditorium this has been repeatedly tested to assess the danger to the audience. It has been ascertained through this that the risk is extremely minimal.
Pyrotechnics	Cast and Crew	Burns, singes	All pyrotechnic moments are choreographed to ensure actors are away from any effects. All pyrotechnic moments have been demonstrated to the company and thoroughly rehearsed. The person firing the pyrotechnics has a clear line of sight to all devices and the action. All pyrotechnics used are made by le-maitre specifically for the purpose they are being used for.
Mouse trap device	Cast and Crew	Falls, trips, crushing	Please see attached Method Statements
Climbing on furniture	Cast and Crew	Falls, trips, bruises	All furniture has been re-enforced by the carpenters attached to BOV. All activity has been thoroughly rehearsed.
Quick release apple	Cast	Bump on head	Thoroughly rehearsed and minimal weight.

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			In event of catastrophic failure very minimal injury would be sustained.
Flame bowl	Cast	Burns	The flame bowl is a RSC patented device and has a shut off mechanism that in the event of any tipping it automatically trips off extinguishing the fire.
Cart	Cast, Audience	Crushes, breaks, bruising	The action with the cart has been thoroughly choreographed. The cart when facing up and down stage is always minded by someone.
Water spillage	Cast, Crew	Electrocution, slips, sprains	The water is minimal that spills onto the stage. There is a drip tray below the stage to collect any water the misses the intended collection bucket.
Cage	Cast Crew Audience	Breaks, cuts, bruising	Please see attached Method Statements
Bicycle ridding	Mr Carl Grose	Breaks, cuts, bruising	The bicycle is elevated on a steel structure and captured from falling or moving. A large set of steps is in place for Mr Grose to gain access to the bicycle. The action has been thoroughly rehearsed both in working light and then again in show conditions.

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