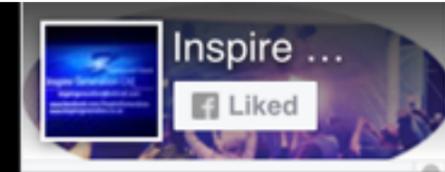


We bring, setup and run  
our equipment for you

Midlands, England

# Sound, Light and Stage hire Company Inspire Generation



Weddings Awards & Fashion shows Graduation ceremonies Boxing Matches Theatre & Drama Public & Corporate Events Technician Festivals & Live Music Stage Truss (In/Outdoor)

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No.	Hazards	Possible Affects / Harm	Pre Control Risk Rating			Required Controls for Risk Assessment	Post Control Risk Rating		
			H	M	L		H	M	L
1	Manual Handling	Strains, sprains and crushing injuries		M		Use of good posture while lifting heavier objects. Assistance to carry larger, more heavy objects should the venue not have ramped access. Wheeled trolley should the venue have ramp access. Lifting forms a small part of activity. Check route prior to movement. Moves carried out by physically fit operatives. Equipment has been pre-packed in such a way that the carrying, setup and set-down activity is 'choreographed' to minimise journeys to a vehicle and to maximise efficiency and achieve a stress-free control in the activity.			L
2	Electricity	Shock, burns		M		Annual PAT test. Insurance requests equipment is PAT tested every 5 years but our PAT testing is annually. Visual inspection prior to use. Any frayed or exposed cables replaced. Faulty items professionally repaired. All power supplies must be earthed. No overloading of sockets. Safe power distribution with RCD trip switches and safe, heat resistant and suitably amped cable. Any outdoor event must have all IP44 (splash/rain proof) rated water proof power cabling and sockets.			L
3	Tripping	Injuries such as fractures and concussions.		M		Good house keeping. Mats/rubber channels used, avoid cable runs over pedestrian walkways where possible.			L
4	Falling objects	Injury caused by falling items from height e.g. light falling from truss, or speaker falling over.		M		Inspection of truss, any cracks in metal work, item to be replaced. Stands and clamps secured prior to use. Safety wires on high and heavier lighting. Speakers to be placed firmly			L
5	Noise and Sound	Damage to ears, conditions such as tinnitus		M		HSE legal sound advice is that no person should be within 3 metres of a sound exceeding 106 Decibels. Performers are to adhere to restrictions and to respect H&S limits. Sound is only at a necessary level for the comfort of the audience, which will be dependent on venue size and whether outdoors, indoors or other, e.g. in a marquee. Experience in sound/audio engineering to monitor distortion, reflections and erroneous frequencies to achieve both a better sound and more suitable, safe sound for the event. Some constant monitoring of the sound required during an event from different angles.			L
6	Third party interference	Possible injury to guests and staff at venues and damage to equipment.		M		Set up away from pedestrian routes where practicable. If possible keep stands etc. away from dancers and walkways. Truss is setup securely and where possible have lighting at a height above any audience. Keep all speakers, lights, sockets, truss and stands, and cabling away from the reach of an audience and ensure cabling and stage area is tidy to avoid accidents by third parties both on and off/around. Communicate with third party musical performers about conduct on the stage area for safety.			L
7	Fire	Burns, smoke inhalation and fatalities		M		Operatives to familiarise themselves with venue procedures. Assist venue as required with safety announcements etc. Outdoor venues to follow fire procedures for the outdoor venue. All power to be safely distributed and with RCD trips. Only PAT tested equipment may be used.			L
8	Working at height	Injury from falls		M		Have assistance to lift taller objects while erecting truss or have assistance to hold a ladder more firmly. Large base plates used for truss to make them stand straight. Ensure all stands are secured and connections are firmly tightened. Insurance states to not work to heights above 10m. Our truss will not normally need to be built higher than 3.5m high.			L
9	Fog Machine	Smoke alarm going off causing unnecessary disturbance to an event.		L		Fog machine is a safe, water based system which is not harmful to breathing and is not known to have any common or proven side affects. Contrary to popular misconception a fog machine is NOT a 'smoke' creator/machine; it just creates a very desirable effect necessary for maximising lighting shows. Some sensitive fire alarm systems can be triggered by this device so will need to be turned off/silenced for the duration of the event in the zone where the machine is in use. Can be advertised that smoke/fog effects are used in the show.			L
10	Strobe lighting	Epilepsy (although not known to be affected by low powered LED flicker rates)		L		All LED lighting fixtures in use have the capability to 'strobe' at varying speeds, but these are low lighting power and the 'strobing' is the flicker rate which is not scientifically the same as repeated flashing would be from a halogen strobe light. From experience of working with light these low power LED 'flashing/strobing' effects are not triggers for epilepsy sufferers. Can be advertised that strobe effects are used in the show.			L