

THE FUN EXPERTS

Generator Hire - Risk Assessment

Company:	The Fun Experts	Location (Site / Building / Room):	Events
Assessment Date:	20 March 2025	Review Date:	31 March 2026 (or if changes to the risk)
Assessor's Name:	James Hindle	Job Title:	Logistics Co-Ordinator (IOSH)
Description of Task:	Transportation, Assembly and Use of Generator Hire Equipment		

Description of the hazard (or hazardous event)	Who might be at risk?	What is the risk?	Evaluation and Control Measures	Current risk rating*			Identify any additional controls that may be needed	Timescale for additional controls and responsible person	Risk Rating		
				L	C	R			L (Low)	M (Medium)	H (High)
Loading, Handling and Transportation of Equipment	Operator / Spectator	Injury whilst handling equipment	a). Equipment must be handled in the correct manner. b). Manual handling should be reduced to a minimum by using available trolleys / trucks. c). Ramps / Lifts to be used when required and available. d). Loads must be correctly secured. e). Individuals are not to undertake anything that puts themselves or anyone at risk.	1	2	2	1. Generator is wheeled and ramps provided for transport. 2. No lifting required. 3. Where required individuals can assist in handling the equipment and adhering to site Manual Handling measures. 4. Staff are to wear PPE at all times in accordance with the Clients requirements and site guidelines.	N/A	2	N/A	N/A
Installation of Equipment on site	Operator / Spectator Participants	Injury whilst installing the equipment Damage to venue	a). The equipment is inspected before installation to ensure it is free from damage.	1	2	2	1. Fire Extinguisher provided and located within the generator enclosure.	N/A	2	N/A	N/A

THE FUN EXPERTS

Installation of Equipment on site (Cont.)	Operator / Spectator Participants	Injury whilst installing the equipment Damage to venue	b). The Operators must have clear access to the setup area. c). The setup area must be level and free from any debris. d). The equipment should be set up away from any sources or areas of water or direct sunlight, if possible. e). The generator must be installed outside on flat level ground. f). The generator must be enclosed with barrier fencing cordoned off from public access. g). Fire Extinguisher and refuelling kit must be placed in the generator enclosure. h). The generator must be sited a minimum of 3m from the equipment.				2.Barrier provided to stop public access to the generator.				
Ground Type	Operator / Spectator Participants	Injury to Participant	a). The equipment must be installed and operated on level ground either hard standing or Grass.	1	1	1	N/A	N/A	1	N/A	N/A
Electricity and Cabling	Operator / Spectator Participants	Injury to Operator Injury to Spectator Injury to Participants	a). All cabling to be covered where required and routed away from Walkways etc.	1	2	2	1.Cable cover provided and routed away from the generator exhaust.	N/A	2	N/A	N/A

THE FUN EXPERTS

Electricity and Cabling (Cont.)	Operator / Spectator Participants	Injury to Operator Injury to Spectator Injury to Participants	b). All electrical components are inspected for wear and are covered by the 6 month PAT test.								
Operation of Equipment on site	Operator / Spectator Participants	Injury to Operator Injury to Spectator Injury to Participants	a). Public are to be kept away from the generator enclosure.	1	1	1	1. Barriers provided to prevent public access to equipment. 2. Spectators are to be a minimum of 5m distance away from the equipment and not allowed to sit / rest or interfere with the equipment at any time. 3. If applicable, equipment is to be cleaned after use and using approved cleaning materials.	N/A	1	N/A	N/A
User Safety	Operator / Spectator Participants	Injury to Operator Injury to Spectator Injury to Participants	a). Spectators must not be allowed within the operational / generator area. b). No one other than the "Authorised Person" must enter the generator area for any reason other than to enable an emergency stop.	1	1	1	1. Where applicable, a Trained Operator will be in control of the equipment at all times who is briefed on the safe running of the equipment. 2. Trained Operators receive annual training and updates on the equipment operation. 3. Barriers provided to prevent public access to equipment. 4. The Fun Experts hold no liability for the onset of any medical condition or injury sustained from partaking in this activity.	N/A	1	N/A	N/A
Allergens	Operator / Participants	Injury to Operator Injury to Spectator	a). When refuelling relevant PPE must be worn.	1	1	1	1. PPE provided, Gloves, Glasses and protective footwear.	N/A	1	N/A	N/A

THE FUN EXPERTS

		Injury to Participants									
Noise	Operator / Participants	Injury to Operator Injury to Spectator Injury to Participants	a). 96db @ 1m b). 70db @ 7m	1	1	1	N/A	N/A	1	N/A	N/A
Heat	Operator / Spectator Participants	Injury to Operator Injury to Spectator Injury to Participants	a). All persons to be kept clear of the generator exhaust.	1	1	1	1.Barriers provided to prevent public access to equipment.	N/A	1	N/A	N/A
Fire	Operator / Spectator Participants	Injury to Operator Injury to Spectator Injury to Participants	a). All persons to be kept clear of the generator except the Authorised Person. b). Equipment to be switched off when refuelling. c). Any spillage to be immediately mopped up. d). Ensure the fuel cap is properly secured after refuelling. e). No smoking is allowed within 10m of this equipment. f). In the unlikely event of a fire if possible switch of the engine and apply the Fire Extinguisher and report the incident to the Event Organiser.	1	1	1	1.Barriers provided to prevent public access to equipment. 2.Fire Extinguisher supplied. 3. Spare fuel is to be stored in the appropriate fuel containers. Locked away in vehicles. 4. Wear the appropriate PPE while refuelling. 5. If a fire occurs report the incident to the HSE Advisor. 6. Generators used are earthed through the mainframe.	N/A	1	N/A	N/A
Weather	Operator / Spectator Participants	Injury to Operator Injury to Spectator	a). The equipment is suitable for outdoor use only.	1	1	1	1.Supervising staff on the day to monitor weather conditions.	N/A	1	N/A	N/A

THE FUN EXPERTS

		Injury to Participants (slip / trip/ falls)	b). The generator can be used in dry conditions. c). The generator cannot be used in extreme rain conditions.							
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Risk Rating Calculator

(Likelihood x Consequence = Risk)

Likelihood that hazardous event will occur		Consequence of hazardous event	
1	Very unlikely	1	Insignificant (no injury)
2	Unlikely	2	Minor (minor injury requiring first aid only)
3	Fairly likely	3	Moderate (Up to three days absence)
4	Likely	4	Major (More than seven days absence)
5	Very likely	5	Catastrophic (Permanent injury or death)

Action Level Table

Risk Rating	Risk Level	Actions to be taken	
20 – 25	Very High Risk	STOP!	Stop the activity and take immediate action to reduce the risk, a detailed plan should be developed and implemented before work commences or continues. Senior management should monitor the plan.
15 – 16	High Risk	Urgent Action!	Take immediate action and stop the activity if necessary, maintain existing controls rigorously. The continued effectiveness of control measures should be monitored periodically.
8 – 12	Moderate Risk	Action	Moderate risks may be tolerated for short periods only while further control measures to reduce the risk are being planned and implemented. Improvements should be made within specified timescales.
3 – 6	Low Risk	Monitor	Look to improve at the next review or if there is a significant change. Monitor the situation periodically to determine if new control measures are required.

THE FUN EXPERTS

1 – 2	Very Low Risk	No Action	No further action is usually required, but ensure that existing controls are maintained and reviewed regularly.
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The above RA is based on guidelines and advice from Manufacturers and 'The Fun Experts' operating equipment within current HSE requirements and should be read in conjunction with 'The Fun Experts' Method Statement. The current Public Liability Insurance covers each item, for an amount of £10 million subject to our Terms and Conditions. If there are any questions relating to the use of the equipment please contact 'The Fun Experts'.