



Risk Rating Calculator

Likelihood that hazardous event will occur	
1	Very unlikely
2	Unlikely
3	Fairly likely
4	Likely
5	Very Likely

Consequence of hazardous event	
1	Insignificant – no injury
2	Minor – minor injuries needing first aid
3	Moderate – up to three days' absence
4	Major – more than seven days' absence
5	Catastrophic – death

Action Level Table

Risk rating	Action
20 – 25	Stop – stop activity and take immediate action
15 – 16	Urgent action – take immediate action and stop activity if necessary, maintain existing controls rigorously
8 – 12	Action – improve within specified timescale
3 – 6	Monitor situation – look to improve at next review or if there is a significant change
1 – 2	No action – no further action but ensure controls are maintained and reviewed

DORSET GENERATOR HIRE GENERAL RISK ASSESSMENT - DATE 20/04/17

REVIEW DATE 20/04/18

Description of hazard and hazardous event		Who might be harmed?	What risk controls are currently in place?	Current risk rating*			Any further controls required and by whom	Date for further controls to be completed	Residual risk rating*		
				L	C	R			L	C	R
Generators and electrical equipment, cables and leads	Injury or death caused by electric shock or burns from fire or explosion	<p>All persons at event using electrical equipment or generator.</p> <p>All persons in close proximity to generator and/or electrical cables and equipment.</p> <p>Any person coming into contact with generators, electrical cables and equipment.</p>	<p>All electrical appliances used at event must be PAT tested.</p> <p>All electrical equipment to be used in accordance with the "Electricity at Work Regulations 1989"</p> <p>All mains powered electrical equipment to be visually inspected for damage prior to use by competent person H&S coordinator at event</p> <p>Points of Isolation to be clearly identified and unobstructed.</p> <p>Electricity supplies to be fitted with RCD protection.</p> <p>Do not store near any fuel burning appliance or open fire.</p>	1	5	5	<p>Qualified person to set up and maintain and refuel the generator.</p>	Day of setting up and during event.	1	5	5
							<p>Hirer to ensure generator is to be located at least 3m from any sources of fuel.</p> <p>Strictly no fuel to be stored in close proximity to generator.</p> <p>Appropriate fire extinguisher to be available in close proximity to generator.</p> <p>Hirer must provide a fenced barrier compound to protect public access to generator.</p> <p>Hirer to keep generator cabinet locked with key provided.</p> <p>Care must be taken not to overload generator. (Hirer)</p> <p>Public Liability Insurance certificate provided. (DGH)</p>	<p>During setting up and for duration of event.</p> <p>During event</p> <p>During event</p> <p>During event</p> <p>During event</p> <p>During event</p> <p>Prior to event</p>			

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Generators	Use of Generator causing carbon monoxide poisoning from exhaust fumes in confined space.	All persons at event using or in close proximity to electrical equipment, cables and leads including	<p>Use only in an open area.</p> <p>Do not store near any fuel burning appliance or open fire.</p> <p>Hirer must plan for a fenced barrier compound to protect public access to generator area.</p>	1	5	5	<p>Generator to be installed in a suitable outdoor position by competent person.</p> <p>Only persons permitted to use the generator should do so.</p> <p>Generator to be sited in a safe position and accessible to emergency service vehicles in the event of an emergency.</p>	<p>Date of setting up and duration of event.</p> <p>Date of setting up and duration of event.</p> <p>Date of setting up and duration of event.</p>	1	4	4
Electrical safety	Electric shock arising from misuse of generator or faulty electrical equipment or misuse of leads causing injury or death.	<p>Public or anyone on site or at event in close proximity to generator or who does not have authority or training to touch generator.</p> <p>Any person using faulty electrical equipment at event.</p>	<p>Only a heavy duty extension lead rated in watts or amps at least equal to the sum of the connected appliance loads.</p> <p>All leads and cables must be free of cuts and tears and plug must have 3 prongs including an earth (grounding) pin.</p>	2	5	10	<p>Generator and cables to be installed by competent person(s) only.</p> <p>Person installing generator and electrical cables and other associated equipment to check cables for damage or wear.</p> <p>Hirer to have appropriate first aid arrangements in place.</p> <p>Hirer to request PAT certification from vendors using electrical equipment at the event.</p>	<p>Day of setting up event.</p> <p>Day of setting up and duration of event.</p> <p>Setting up and duration of event.</p> <p>Prior to event.</p>	1	5	5

<p>Electrical cable, lead and other equipment general safety</p>	<p>Trips and falls caused by electrical leads.</p>	<p>Anyone in close proximity to generator or trailing leads from generator</p> <p>Persons who come in contact with electrical cables, leads and other electrical equipment</p> <p>Persons on site or event who come in contact with electrical leads causing trips and falls.</p>	<p>All leads, cables and other electrical equipment to be situated in safe areas away from public thoroughfare.</p> <p>Any trailing cables to be PAT tested for safety.</p>	<p>2</p>	<p>3</p>	<p>6</p>	<p>Hirer must check that all trailing electrical leads/cables connected to caterers and stallholders be kept to the rear of the catering vans out of thoroughfare or view of public.</p> <p>Hirer must ensure that all cables in public walkways are guarded with suitable cable protectors or mats.</p>	<p>Day of setting up and duration of event.</p> <p>Day of setting up and duration of event.</p>	<p>1</p>	<p>2</p>	<p>2</p>
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For further advise refer to: <http://www.hse.gov.uk/event-safety/electrical-safety.htm>