

**Rosie Rainbow Circus - Risk Assessment**  
**Activity : Fire Performance**

Potential Hazards	Who might be harmed?	What is the potential consequence?	L	S	R M S	What existing control measures are in place?	Is any further action necessary?	U L	U S	U R M S
Burns	Performer Backstage Crew Audience member	Minor or major injury	3	3	9	<ul style="list-style-type: none"> <li>•Performers are well trained, highly skilled persons who should be competent to perform their own act as commissioned and agreed by themselves. They will have their own public liability insurance. Performers will not attempt to perform things outside of their skill level. Props will be well maintained and checked before use by the performer(s) who uses &amp; owns them. Performers will wear appropriate footwear for the terrain and costumes will be made of natural fibres, or treated with flame - retardant products as approved for use in theatre &amp; film.</li> <li>•Lighting and Extinguishing stations will be placed in sensible locations and discussed with the backstage crew to ensure all persons using the space are adequately informed. This will enable persons to avoid the area and be aware of the risks posed when entering such areas.</li> <li>•Audience members will be behind a clearly marked barrier and if they enter the performance area, the performance will stop.</li> <li>•A first aid kit with burns gel will be on hand in order to treat any minor burns whilst necessary medical attention is sought. At least</li> </ul>	<p>Rosie Rainbow to keep a record of performers qualifications and insurance details. Performers are to provide these to Rosie at least 14 days before the proposed performance date and inform Rosie of any changes to insurance policies.</p> <p>Performers are to stop the performance if conditions become unsafe in any way.</p>	2	3	6

						one member of the performance troupe should be fully trained in Emergency First Aid and performers should acquaint themselves with the persons responsible for First Aid on site and any First Aid locations prior to the performance time.				
Ignition of localised area	All parties present	Minor or major injury Damage to property	3	3	9	<ul style="list-style-type: none"> <li>• Performers to ensure they are aware of the wind conditions when performing.</li> <li>• Performers will ensure the proposed location is appropriate for a fire show. There should be a minimum of 3m clearance in all directions. Performances should not take place on any surface that is flammable. Any fabrics or stage dressings should be adequately treated by the venue and evidence should be provided prior to the commencement of the event.</li> <li>• Performers shall take care with any fuels and ensure that any spillages are immediately cleared up. There will be a dedicated location for “dipping” and performers are to ensure this is away from hazardous areas and that fuels are stored in sealed containers away from members of the public at all times.</li> <li>• Once performers have ignited props, they shall place them on a suitably flame retardant blanket in order to cool down.</li> <li>• Suitable extinguishers (dependent on size of performance, but a minimum of one fire extinguisher and one large fire blanket) to be on hand at all times. These should be placed in a suitable location prior to the lighting of any</li> </ul>	Venue to confirm in contract that they have agreed to treat any fabrics or stage dressings in performance area OR remove them from the performance area OR ensure more than adequate clearance for activities. Performers are recommended to study Fire Warden Qualifications to enable them to adequately deal with any incidents. Performers are to stop the performance if conditions become unsafe in any way.	2	3	6

						props or lanterns. They should be within the performance area. easily accessible for the performers and preferably in a lit area.				
Chemical burns	Performers	Minor or major injury	2	3	6	<ul style="list-style-type: none"> <li>Performers must ensure safe practices when handling chemicals, for example fuels and cleaning agents. This includes dynamic personal risk assessments and utilising appropriate fuel containers and transportation to reduce the risk of mishandling, especially in poorly lit areas.</li> </ul>	Venue to agree to provide suitable washing facilities. Performers to ensure they have a source of light to use when handling fuel.	1	2	2
Smoke inhalation	Performers, especially fire breathers Anyone downwind	Minor or major injury	2	4	8	<ul style="list-style-type: none"> <li>Fire breathers are particularly at risk here, and must have had appropriate training. Performers to ensure they do not perform skills above their level and to check the wind speed and direction before performing. Speeds of more than 5mph mean that the performer will have to continually risk asses and potentially if speeds pick up or if the performance site is in a particularly windy location even put a stop to any fire performance.</li> </ul>	Performers to be adequately trained and ensure constant assessment of wind direction, both before and during the performance. Performers are to stop the performance if conditions become unsafe in any way.	2	4	8
Fuel spillage	Performers	Damage to property	2	1	2	<ul style="list-style-type: none"> <li>Performers to ensure fuel is transported in clearly marked containers that are free from rust or damage. They must have a locking safety cap and a suitable funnel should be used to decant the fuel.</li> </ul>		1	1	1
Injury due to public interference	Audience members Performers	Minor or major injury	3	3	9	<ul style="list-style-type: none"> <li>Performers will immediately stop performing if members of the public enter the</li> </ul>	Event organiser is to ensure all children present	2	3	6

	Backstage Crew				<p>performance space.</p> <ul style="list-style-type: none"> <li>•The performance space will have an easily identifiable barrier to prevent public encroachment. The public will be informed prior to the commencement of the show that they are to remain in the specified area / behind the barriers.</li> </ul>	<p>are supervised by a responsible adult. Performers are to stop the performance if conditions become unsafe in any way.</p>			
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With fire performance, the risks cannot be avoided entirely however the majority of the risk is carried by the performer.

L = Likelihood S = Severity RMS = Risk Matrix Score UL = Updated Likelihood US = Updated Severity URMS = Updated Risk Matrix Score

**Risk Assessment Matrix**

<b>RISK</b>						
<b>Severity</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>
	<b>4</b>	<b>4</b>	<b>8</b>	<b>12</b>	<b>16</b>	<b>20</b>
	<b>3</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>12</b>	<b>15</b>
	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>
	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
		<b>Likelihood</b>				

Risk Matrix Score		
1-5	Negligible Risk	
6-10	Low Risk	
11-15	Medium Risk	
16-25	High Risk	
Likelihood		

1	Occurrence is extremely unlikely	
2	Unlikely to occur	
3	Has the potential to occur	
4	More likely than not to occur	
5	Almost certain to occur	
Severity		
1	Negligible impact	
2	Minor Injury	First Aid administered. This would include minor burns, cuts; bruising; abrasions; strains or sprains of ligaments, tendons or muscles.
3	Major Injury	Fracture of bones, dislocation, amputation, loss of sight. Acute burns, smoke inhalation, vapour inhalation, chemical burns.
4	Fatality	
5	Multiple Fatality	