

# Fire Risk Assessment

Adventure Overland Show + International Campervan Show  
Late Spring Edition 2021

Version 2

Assessment Date: 25<sup>th</sup> April 2021

Responsible Person: 

Fire Company: Magister Events Ltd

| No.     | Hazard   | Risk |   |   | Observations   | Actions   |
|---------|--|------|---|---|--|---|
|         |  | L    | M | H |  |   |
| General |  |      |   |   |  |   |
| 1       | Fire in relation to camping areas.                             |      | ✓ |   | <ul style="list-style-type: none"><li>• SOURCES OF IGNITION – Direct and radiating heat from BBQs, camp fires, cooking stoves, vehicles, caravans, campervans, and smoking.</li><li>• SOURCES OF FUEL – Fuel in/stored near vehicles &amp; caravans, BBQs, fires, tents, caravans, and vehicles, camping equipment (inc. LPG), waste material, personal clothing and vegetation.</li><li>• SOURCES OF OXYGEN – Air</li></ul> | <ul style="list-style-type: none"><li>• Regular patrols (24hrs).</li><li>• Fire points.</li><li>• Emergency contact numbers displayed.</li><li>• Campsite to be managed and clear access and escape routes to be defined for emergency access by organizers.</li><li>• Provide safe areas for any cooking and campfires, ensuring separation distance between campfires, tents, vehicles, and caravans.</li><li>• Encourage the use of alternative power, relocate generators to safe distance from tent and vegetation, store spare fuel in safe areas and prohibit smoking.</li><li>• Prohibit smoking, monitor cooking stoves, LPG storage in safe areas.</li><li>• BBQs shall be kept off the ground.</li><li>• Traders shall not be permitted to camp directly next to their vans.</li></ul> |
| 2       | Fire in relation to agricultural related activities/livestock. | ✓    |   |   | <ul style="list-style-type: none"><li>• SOURCES OF IGNITION – Direct and Radiating heat, Electrical faults</li><li>• SOURCES OF FUEL – waste material, personal clothing and vegetation and other Agriculture related items</li></ul>  | <ul style="list-style-type: none"><li>• Regular patrols (24hrs).</li><li>• Fire points.</li><li>• Emergency contact numbers displayed.</li><li>• Clear access &amp; escape routes to be defined for emergency access by show organisers.</li></ul>  |

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|   |  |   |  |   | <ul style="list-style-type: none"> <li>• SOURCE OF OXYGEN – Air</li> </ul>   |   |
| 3 | Fire in relation to sales stands, food and drinks, and vendors and bars. | ✓ |  |   | <ul style="list-style-type: none"> <li>• SOURCES OF IGNITION – Hot exhausts from catering appliances/items, generators, electrical cookers and LPG stoves</li> <li>• SOURCES OF FUEL – Fuel in or stored near to generator, tents, caravans, campervans and vehicles, camping equipment (inc LPG), waste material, clothing and vegetation.</li> <li>• Source of Oxygen – Air</li> </ul>                 | <ul style="list-style-type: none"> <li>• Regular patrols (24hrs).</li> <li>• Fire points.</li> <li>• Emergency contact numbers displayed.</li> <li>• Clear access &amp; escape routes to be defined for Emergency access by show organisers.</li> </ul> |
| 4 | Fire as a result of live music and lighting within the venue.            | ✓ |  |   | <ul style="list-style-type: none"> <li>• SOURCES OF IGNITION – Direct and Radiating heat, Hot exhausts and engines from vehicles &amp; machinery.</li> <li>• SOURCES OF FUEL – Fuel in or stored near to Arena. Temporary structures &amp; tents, caravans, campervans and vehicles, camping equipment (inc LPG), waste material, clothing and vegetation.</li> <li>• Source of Oxygen – Air.</li> </ul> | <ul style="list-style-type: none"> <li>• Fire points.</li> <li>• Emergency contact numbers displayed.</li> <li>• Clear access &amp; escape routes to be defined for Emergency access by show organisers.</li> </ul>                                     |
| 5 | Vehicle fires (cars parked in the arena).                                |   |  | ✓ | <ul style="list-style-type: none"> <li>• SOURCES OF IGNITION – Hot exhausts engines etc from vehicles, electrical faults.</li> <li>• SOURCES OF FUEL – Fuel in or stored near to Vehicles (inc LPG), vegetation.</li> </ul>  | <ul style="list-style-type: none"> <li>• Regular patrols (24hrs).</li> <li>• Fire points.</li> <li>• Emergency contact numbers displayed.</li> <li>• Clear access &amp; escape routes to be defined for Emergency access by show organisers.</li> </ul> |

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|                                |  |  |  |   | <ul style="list-style-type: none"> <li>Source of Oxygen – Air.</li> </ul>   |  |
| 6                              | Fire within temporary structures.  |  |  | ✓ | <ul style="list-style-type: none"> <li>SOURCE OF IGNITION - Smoking, Electrical Faults, Cooking appliances/equipment</li> <li>SOURCES OF FUEL – Tents Marquees, cooking stoves, LPG and Electrical items</li> <li>SOURCES OF OXYGEN – Air</li> </ul>                                  | <ul style="list-style-type: none"> <li>Regular patrols (24hrs)</li> <li>Fire points.</li> <li>Emergency contact numbers displayed.</li> <li>No Smoking within temporary structures.</li> <li>Clear access &amp; escape routes to be defined for Emergency access by show organisers.</li> <li>Ensure all exits are kept clear and clearly displayed EXIT and routes to Exit are kept clear of any obstructions.</li> </ul>   |
| <b>Response Team Specifics</b> |  |  |  |   |   |  |
| 7                              | Slips, trips and falls (non emergency & emergency/ operational call out) |  |  | ✓ | <ul style="list-style-type: none"> <li>Uneven surface &amp; slippery surfaces (wet, mud, snow &amp; ice).</li> <li>Temporary fencing, barriers, structures &amp; Tents, Gazeebos &amp; other shelters - guy ropes &amp; related securing/ tentidge.</li> <li>Waste/rubbish</li> </ul> | <ul style="list-style-type: none"> <li>Appropriate non-slip footwear to be worn by operatives. (Safety boots and shoes with protective toecaps and penetration-resistant, mid-sole fire protection waterproof boots (task specific footwear).</li> <li>Lighting suitable and sufficient. – For low light and night working the following will be used where possible mobile work/flood lights, vehicle lights, Personal lighting; torches, head/helmet mounted torches.</li> <li>Remind operatives to be aware of trip hazards in relation to Tents, Gazeebos &amp; other shelters - guy ropes &amp; related securing/ tentidge plus waste/rubbish.</li> </ul> |

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| 8  | Hypothermia & Heat exhaustion, heat stroke & sunburn (non emergency & emergency/ operational call out)   |  | ✓ |   | <ul style="list-style-type: none"> <li>Working in adverse weather conditions (extreme heat &amp; cold)</li> </ul>  | <ul style="list-style-type: none"> <li>Warm waterproof clothing including hats, gloves and appropriate non-slip footwear. (Cold Weather)</li> <li>Suitable clothing including and appropriate non-slip footwear (Hot Weather)</li> <li>Ability to take regular sheltered breaks</li> <li>Welfare facilities available with appropriate Heating &amp; Ventilation</li> <li>Sun Tan Lotion</li> <li>Fire Fighting &amp; Emergency response will require specialist task specific PPE</li> </ul> |
| 9  | Fatigue from working anti-social hours   |  | ✓ |   | <ul style="list-style-type: none"> <li>Night working</li> </ul>  | <ul style="list-style-type: none"> <li>Ability to take regular sheltered breaks and suitable welfare facilities available.</li> <li>Monitoring of hours</li> </ul>  |
| 10 | Individual risk factors due to health issues.  |  | ✓ |   | <ul style="list-style-type: none"> <li>General outdoor working</li> </ul>  | <ul style="list-style-type: none"> <li>Where individual risk factors are identified for a member of staff an individual risk assessment should be carried out to identify reasonable adjustments required to enable safe working.</li> <li>Suitable and sufficient health surveillance to be implemented.</li> </ul>  |
| 11 | <p>Various risks &amp; hazards in relation to Fire Fighting &amp; Rescue:</p> <p>Biological hazards, Chemical hazards, Physical hazards, Safety hazards, Chronic health hazards etc.</p> |  |   | ✓ | <p>PPE:</p> <ul style="list-style-type: none"> <li>Various tasks &amp; activity's in relation to Fire &amp; Rescue cover for non emergency &amp; emergency/ operational call out.</li> </ul> | <ul style="list-style-type: none"> <li>Safety Glasses or integrated visor &amp; fire reflective visor within Fire Helmet to protect from splash (e.g: chemical) dust, projectiles, gas, vapour, radiated (heat).</li> </ul>   |

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|  |  |  |  |  |  | <ul style="list-style-type: none"> <li>• Fire Helmet to protect from Impact, falling or flying objects and extreme heat &amp; cold (burns).</li> <li>• Dust masks &amp; where required specialist Breathing Apparatus (Dust, vapour, gas, oxygen-deficient atmospheres, Fires: note the correct breathing aid must be used as each are limited to a range of substances)</li> <li>• Flame retardant Fire clothing &amp; gloves to protect the body, legs, arms &amp; hands from extreme heat &amp; cold (burns), abrasion, cuts &amp; punctures, impact or penetration, contamination, chemicals, entanglement, electrocution (specialist protective clothing)</li> <li>• Flame retardant protective gloves to protect the hands to protect from extreme heat &amp; cold, and abrasion, cuts &amp; punctures, impact or penetration, contamination &amp; entanglement (specialist protective clothing)</li> <li>• Appropriate non-slip footwear to be worn by operatives. (Safety boots and shoes with protective toecaps and penetration-resistant, mid-sole fire</li> </ul> |
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|                         |   |  |  |   |  | <p>protection waterproof boots (task specific footwear)</p> <ul style="list-style-type: none"> <li>Note: Personal Protective Equipment should be well looked after and stored properly when not being used and fit for use and for the individual.</li> </ul>   |
| <b>Vehicle Movement</b> |   |  |  |   |  |   |
| 12                      | Emergency service access & high numbers/footfall of public, persons being struck by moving vehicles |  |  | ✓ | <p>Emergency access to incident</p> <p>High numbers/footfall of public</p> <p>Persons being struck by moving vehicles</p>  | <ul style="list-style-type: none"> <li>Limit vehicle movement to a minimum</li> <li>Strategically locate Fire Engines and crew</li> <li>Reversing should only be undertaken with aid of 'Banksman'</li> <li>In non emergency situation vehicle movement should be limited to under 5mph during event undertaken with hazard lights and orange flashing lights.</li> <li>In Emergency situation/callout vehicle movement should be undertaken with blue lights &amp; sirens and speed limited and adapted to surroundings and consideration taking into account numbers of public/staff</li> </ul> |
| <b>Storage of LPG</b>   |   |  |  |   |  |   |
| 13                      | Storage of LPG in relation to camping or food stands.   |  |  | ✓ | <ul style="list-style-type: none"> <li>SOURCES OF IGNITION – Direct and radiating heat from BBQs, camp fires, cooking stoves, vehicles, caravans, campervans, smoking, and arson.</li> </ul> | <ul style="list-style-type: none"> <li>All LPG canisters shall be stored in a separate, open air, storage area away from members of the public or other buildings.</li> </ul>   |

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|  |  |  |  |  | <ul style="list-style-type: none"><li>• SOURCES OF FUEL – LPG canisters.</li><li>• SOURCES OF OXYGEN – Air</li></ul> | <ul style="list-style-type: none"><li>• Only authorized persons will be allowed to access the LPG storage area.</li><li>• Only LPG cylinders will be allowed in the LPG storage area.</li><li>• Only sufficient fuel to last the event will be allowed on site.</li><li>• Only one spare canister may be stored at any catering stand. All extra canisters must be kept in storage.</li><li>• No smoking shall be allowed within the storage area.</li><li>• UKLPG CoP No. 7 shall be followed.</li></ul> |
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