



# The Big Bang

UK Young Scientists & Engineers Fair

## **The Big Bang Fair**

15 - 18 March 2017

### **Visiting School Groups Risk Assessment**

Halls 17 – 20  
National Exhibition Centre  
Birmingham  
B40 1NT

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## Introduction

The Event Organisers have undertaken this risk assessment and carried out the following:

- ***Gather information and identify risks***
- ***Implement control measures appropriate to the identified risks***
- ***Evaluate residual risk once all risk management is in place***

The event has taken note of its duty of care to all involved in the event and those attending and we have used all reasonable and practical measures to control the identified risks.

During the event period there is a process of continuous assessment and reassessment that will be undertaken by the Event Safety Advisor to ensure appropriate risk controls are put in place should situations develop, which are not covered by this assessment. As it is a dynamic situation, the Safety Advisors will respond accordingly. This document relies on the support of all of the staff and the subcontractors involved, and no exhibitor activity will be authorised to take place unless a full risk assessment is undertaken and submitted prior to the event.

Alongside this Risk Assessment, there is a full event safety file holding all the risk data from exhibitors and sub-contractors, it includes their own Risk Assessments and Methodology Statements, which cover that their activities and operational undertakings supported by their insurance policies, qualifications to support their competences.

The Event Safety Advisors on the event will be working closely with all involved including the NEC to make sure there is robust documentation in place and a practical application of Health and Safety controls in relation to what is a complex event.

## References

- CLEAPSS Model Health & Safety Codes of Practice in Science for Local authorities (L22) <http://www.cleapss.org.uk>
- CLEAPSS – Laboratory Handbook <http://www.cleapss.org.uk>
- Association for Science education –Topics in Safety & Be Safe 4<sup>th</sup> edition [www.ase.org.uk](http://www.ase.org.uk)
- [www.Thepurpleguide.co.uk](http://www.Thepurpleguide.co.uk)
- The guide to managing Health & Safety at Exhibitions and Events (The Red Guide)
- DfEE – Safety in Science Education, [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/335111/DfE\\_Health\\_and\\_Safety\\_Advice\\_06\\_02\\_14.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/335111/DfE_Health_and_Safety_Advice_06_02_14.pdf)
- The Association for Science Education –‘Be Safe ‘and Safeguards in the School Laboratory” [www.ase.org.uk](http://www.ase.org.uk)

## Risk Matrix & Definitions

LIKELIHOOD (L)	RISK RANKING MATRIX				
HIGH 5	5	10	15	20	25
SIGNIFICANT 4	4	8	12	16	20
MODERATE 3	3	6	6	12	15
LOW 2	2	4	6	8	10
NEGLIGIBLE 1	1	2	3	4	5
CONSEQUENCE (C)	NEGLIGIBLE 1	LOW 2	MODERATE 3	MAJOR 4	CATASTROPHIC 5

LIKELIHOOD DEFINITIONS	
A high likelihood	<ul style="list-style-type: none"> <li>It is expected to occur in most circumstances</li> <li>There is a strong likelihood of the hazards reoccurring</li> <li>The Incident has happened repeatedly before and is expected again</li> </ul>
A significant likelihood	<ul style="list-style-type: none"> <li>Similar hazards have been recorded on a regular basis</li> <li>Considered that it is likely that the hazard could occur</li> <li>The Incident has occurred more than once before and is liable to occur again</li> </ul>
A moderate likelihood	<ul style="list-style-type: none"> <li>Incidents or hazards have occurred infrequently in the past</li> <li>The incident has been recorded before and could happen again</li> </ul>
A low likelihood	<ul style="list-style-type: none"> <li>Very few known incidents of occurrence</li> <li>Has not occurred yet, but it could occur sometime</li> <li>Incident not previously recorded but is conceivable</li> </ul>
A negligible likelihood	<ul style="list-style-type: none"> <li>No known or recorded incidents of occurrence</li> <li>Remote chance, may only occur in exceptional circumstance</li> </ul>

CONSEQUENCE DEFINITIONS	
Catastrophic	<ul style="list-style-type: none"> <li>Multiple of single death</li> <li>Costs to Event of up to £10,000,000</li> <li>International and National media outrage</li> </ul>
Major	<ul style="list-style-type: none"> <li>Serious health impacts on multiple or single persons or permanent disability.</li> <li>Costs to Event between £2,000,000 - £5,000,000</li> <li>National media outrage</li> </ul>
Moderate	<ul style="list-style-type: none"> <li>Accident resulting in an injury reportable under RIDDOR</li> <li>More than 10 days rehabilitation required for injured persons</li> <li>Costs to Event between £500,000 - £2,000,000</li> <li>Local media and community concern</li> </ul>
Low	<ul style="list-style-type: none"> <li>Accident resulting in minimal personal injury</li> <li>Injury to person resulting in lost time and claims</li> <li>Costs to Event between £500,000 - £1,000,000</li> <li>Minor isolated concerns raised by stakeholders, customers</li> </ul>
Negligible	<ul style="list-style-type: none"> <li>Accident resulting in minimal personal injury</li> <li>Costs to Event up to £500,000</li> <li>Minimum impact to reputation</li> </ul>

## Controls

### How to control hazards.

By determining the consequences and likelihood of risks occurring, and to aim to eliminate, minimise and control the hazards, using the hierarchy of control systems will minimise or eliminate exposure to hazards.

It is a widely accepted system promoted by the health and safety executive and the hierarchy is used to decide what controls need to be put in place to manage the hazards once the risk has been assessed.

HEIRACHY OF CONTROLS	
<b>ELIMINATION</b> Eliminate the hazard	Remove or stop the hazard if possible, remove the cause or source of the hazard, by eliminating the machine, task or work process. <i>If this is not practical, then substitute.</i>
<b>SUBSTITUTION</b> Substitute the process	Use a less hazardous process- use a less-noisy machine for the task, or introduce a less-noisy work process. <i>If this is not practical, then engineer.</i>
<b>ENGINEERING</b> Change the equipment	Introduce enclosures and barriers around or between the hazards. Improve maintenance procedures. <i>If this is not practical, then:</i>
<b>ISOLATION</b>	Separate or isolate the hazard or equipment from people by relocation or by changing the operation. <i>If this is not practical, then administer</i>
<b>ADMINISTRATIVE</b>	Design and communicate written or verbal procedures that prevent the hazard from occurring. <i>If this is not practical, then PPE</i>
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b>	Provide protective equipment appropriate to the risk. Provide training information and supervision to ensure that personal hearing protection is fitted, used and maintained appropriately. Equipment that protects the person exposed to the hazard.

Definitions list		
<b>Risk Assessment</b>	=	A systematic process of evaluating the potential risks that may be involved in a projected activity or undertaking
<b>Method Statement</b>	=	Outlines the hazards involved and include a step-by-step guide on how to do the job safely
<b>NEC</b>	=	The National Exhibitions Centre is the location that the event is held
<b>NEC security</b>	=	The National Exhibitions Centre's own in house security and stewarding team whom are security industry authority trained
<b>NEC Traffic</b>	=	The National Exhibitions Centre's own in house traffic management team who will direct you to the parking areas and manage the movement of your group externally to the NEC
<b>Medical</b>	=	The National Exhibitions Centre's in house first aid team and special private medical practitioners paramedic specialising in large scale events all are registered with the Health and Care Professions Council (HCPC)
<b>Guardians/Group Leaders</b>	=	Teachers, Carers, Youth Group Leaders, parents and guardians responsible for children and vulnerable adults attending the Big Bang Fair
<b>Event Team</b>	=	The Event Management company (The fresh Group) managing the event on behalf of The Big Bang CIC
<b>Event Control</b>	=	The nominated central location in which the event manages Security, Traffic, Medical, Lost Persons & Vulnerable Adults. Health & Safety and all incidents and emergencies are managed from this centralised location
<b>The Big Bang CIC</b>	=	The Big Bang CIC is a subsidiary of Engineering UK, the working name of The Engineering and Technology Board. The Big Bang CIC is the owner and promoter for the event registered at 5th Floor, Woolgate Exchange, 25 Basinghall Street, London, EC2V 5HA, UK
<b>HSE</b>	=	Health and Safety Executive
<b>COSHH</b>	=	Control of Substances Hazardous to Health Regulations. These Regulations require employers to control exposure to hazardous substances to prevent ill health
<b>RIDDOR</b>	=	Reporting of Injuries, Diseases and Dangerous Occurrences Regulations

## The Big Bang: UK Young Scientists and Engineers Fair 2017

Visiting School Groups Risk Assessment		<b>EVENT RISK ASSESSMENT</b>	Risk Management Team: The fresh Group	
15 - 18 March 2017			Site Supervisors: Nicola Willett / Kevin Sparkes	
Location of Event: <b>NEC, Birmingham B40 1NT</b>			Safety officers: Neil Marcus / Alan Hazlehurst	
What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<b>Visitor Participation:</b>  <i>Members of the public</i>  Visitors participating in activities where a significant risk has been identified	<b>L 20 + C 15 = 35</b>	<ul style="list-style-type: none"> <li>Event Team will ensure that the risks associated with any of the shows activities are fully explained to all persons involved in the activity; if required specific instructions and method statements will be provided for any such activity</li> <li>The Exhibitor and Event staff will assess the physical suitability of the participant</li> <li>Only Visitors who knowingly volunteer will be allowed to participate in any such activity</li> <li>Specific signage will be on display explaining acceptance and liability of all involvement</li> </ul>	<b>L 2 + C 2 = 4</b>	<ul style="list-style-type: none"> <li>There will be additional information about allergic reactions</li> <li>Hand washing facilities if required will be available</li> </ul>
<b>Visitor Movement and Crowd Management:</b>  <i>Members of the public, event staff and contractors</i>  Over-crowding can cause trauma and crush injuries	<b>L 20 + C 10 = 30</b>	<ul style="list-style-type: none"> <li>The Big Bang CIC prior to the event has established the audience profile and expected behaviour of the public. In conjunction with this, there is a full crowd management plan that has been developed for this event under the Guidance of the NEC security team and other experts in this area</li> <li>The event team will ensure that venue/room capacities are not exceeded and that the dynamic flow of the public has been assessed to enable a safe and free flow around the whole exhibition</li> <li>An assessment of the numbers of NEC security and the stewarding team has been carried out and a full security deployment plan will be in place at the exhibition to manage the public</li> <li>Emergency evacuation routes have been identified and will be maintained at all times</li> <li>If any stand or exhibit attracts overly large crowds of visitors, then the</li> </ul>	<b>L 4 + C 4 = 8</b>	<ul style="list-style-type: none"> <li>Show access is staggered to reduce the number of people in any one part of the venue at any one time</li> <li>NEC Stewarding staff will monitor and control the crowd at localised control points to manage density at all times</li> <li>A specific crowd management plan will be created for stands of high interest, with the introduction of other control measures</li> </ul>

		<p>stand/exhibit will be closed until such time as the crowd dissipates</p> <ul style="list-style-type: none"> <li>Throughout the duration that the public is on site there will be constant monitoring of the crowds and people movement. The Event Safety Advisors, NEC Security and Event Control will log the situation, control and manage the issues until resolved</li> </ul>		<p>identified. This will be carried out in conjunction with Big Bang CIC, The Event Team and NEC Security safety advisors</p>
What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Lost Persons</b></p> <p><i>Members of public, children &amp; vulnerable adults, event staff</i></p> <p>Distress, mental and physical vulnerability</p>	<p><b>L 20</b> <b>+</b> <b>C 12</b> <b>= 32</b></p>	<ul style="list-style-type: none"> <li>There is a full event plan for dealing with lost children and vulnerable adults and all of the NEC security staff and key event staff will implement this as follows: <ul style="list-style-type: none"> <li>If anyone is notified of a missing person directly by a member of the public or guardians/group leaders, they must immediately notify event control. They will then coordinate the process with the NEC security and event team. The Event team will be informed of any missing persons, as soon as this is done the lost children and vulnerable adults procedure will come into full operation. Event Control will co-ordinate the operations until such time as repatriation of the missing person, and then all aspects of the situation will be logged and all responsible parties will be informed of the situation as it unfolds and is resolved</li> <li>As part of the pre event process the event team will endeavor to obtain mobile phone numbers of all guardians/group Leaders prior to them arriving at The Big Bang Fair</li> <li>Any child or vulnerable adult who are identified as being lost or parted from their group will be will not be left unaccompanied, they will be escorted and looked after by the event team / security until repatriated with their guardians/group Leaders</li> <li>The lost children and vulnerable adult management plan is available to see on request.</li> </ul> </li> </ul>	<p><b>L 5</b> <b>+</b> <b>C 5</b> <b>= 10</b></p>	<ul style="list-style-type: none"> <li>Event Control will deal with this situation professionally and involve all the required parties deemed necessary. If any potential harm could arise the Police will be involved to ensure the welfare of all staff and the public</li> </ul>



What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Unruly Visitors:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Visitors behaving in an anti-social manner that could impact on the safety of other visitors</p>	<p>L 25 + C 15 = 35</p>	<ul style="list-style-type: none"> <li>All incidents will be reported to Event Control and directions as to how to manage this will be given via Event Control. Immediate engagement by NEC Security will take place and all actions will be recorded</li> <li>We request that guardians/group leaders explain to visitors in their care that they must behave in a social and polite manner at all times, as they are not only representing themselves but their schools and organisations</li> <li>Event staff observing unruly visitors will advise event control or the room manager, who in turn will aim to contact the guardian/group leader and request that the visitor is reprimanded and brought under control. Such matters will not be treated lightly and it's the events responsibility to maintain the safety for all those attending</li> <li>In extreme cases of anti-social behaviour, visitors will be removed from the venue – under these circumstances there would be no re-admission and they will be dealt with accordingly to these actions. The police will be informed and action will be taken based on this contact and if required prosecute any consequent anti-social behaviour</li> <li>Operations Team, Event Control, NEC Security and Event Safety Advisors will monitor all of the above</li> </ul>	<p>L 5 + C 5 = 10</p>	<ul style="list-style-type: none"> <li>Any removal of persons due to anti-social behaviour will be carried out by SIA qualified staff, and in situations where a law has been broken the individual(s) will be taken to a controlled area and the police will be informed and advise of the due process</li> <li>Event Control will have access via the live NEC CCTV feeds covering the exhibition and surround areas, all radio communications in relations to the event will be directed to this point with key representatives from all the responsible parties involved in the event</li> </ul>
<p><b>Exhibitors:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Harm or injury as a result of unsafe exhibits or demonstrations</p>	<p>L 15 + C 10 = 25</p>	<ul style="list-style-type: none"> <li>All Exhibitors are required to submit detailed risk assessments, method statement certification and public liability insurances to The Big Bang CIC</li> <li>All of these documents are audited in advance of the event to ensure no unsafe exhibits or demonstrations are permitted in the event</li> <li>During the pre-event phase and build phase all aspects of the exhibitor's installations are monitored and assessed along-side that of the activity taking place using the references mentioned earlier in this risk assessment</li> <li>The Event Safety Advisor will inspect each and every aspect of all exhibitors and their stand and demonstrations to sign them off prior to the event opening</li> <li>Throughout the whole time the public is on site, there will be constant monitoring of the exhibitions by the Event Safety Advisors and Event Control. If there are any issues they will be assessed and investigated by the Event Safety Advisors who will then manage the situation until it has been successfully resolved</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>All Exhibitors are provided an Exhibitor Manual which explains what activities and substances are prohibited within the event</li> <li>Each stand will have a stand check sheet that will be completed by the Event Safety Advisors prior to the public being on site and this information will be held in the event office</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Food Sampling:</b> <i>Members of the public, event staff and contractors</i> Allergies</p>	<p>L 15 + C 12 = 22</p>	<ul style="list-style-type: none"> <li>All Exhibitors are required to submit detailed descriptions of any food sampling they wish to undertake. During the pre-event phase the exhibitors' information will be checked using references mentioned earlier in this risk assessment</li> <li>All Exhibitors will comply with legislation and guidance for food sampling allergies and intolerance as laid by The Food Standards Agency (EU/FIC) and the Food Information Regulations 2014</li> <li>Clear warning signage will be displayed detailing the contents of any food samples</li> <li>The Event Safety Advisor prior to the event opening will watch and assess these demonstrations and check the exhibitor is fully compliant with all the regulations, and only then will they be signed off enabling them to operate at the show</li> <li>Throughout the whole time the public is on site there will be constant monitoring of the demonstrations and food sampling. If there are any issues they will be assessed and investigated by the Event Safety Advisors who will then manage the situation until it has been successfully resolved</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>Samples only to be given with the consent of guardians/group leaders or parents in the case of young adults</li> <li>Clear signage as to allergies and a food safety check list will be completed in relation to each exhibitor undertaking any food sampling</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action /Controls
<p><b>Delay in medical treatment</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Prolonged or additional personal injury following an initial incident.</p>	<p><b>L 20 + C 10 = 30</b></p>	<ul style="list-style-type: none"> <li>As with any event of this scale, a full Medical Risk Assessment will be carried out and the medical provision for The Big Bang Fair has been based on this utilising a professional and qualified First Aid/ Paramedic team. This is supported by the onsite NEC First aid trained staff</li> <li>The medical team will be based in a First Aid Room (Atrium 2) as indicated on the site maps located near the exhibition hall. The First Aid Room will be in direct contact with Event Control and this will be staffed throughout the open periods. It is fully equipped and able to deal with a majority of the medical situations as detailed in the Medical Risk Assessment. Beyond this any person(s) requiring more complex medical treatment will be taken to the local hospital for a continuation of care and treatment</li> <li>The Medical team have mobile response teams that operate in the exhibition areas and are able to deal with medical situations as and when they occur</li> <li>All medical incidents will be reported to Event Control and the incident will be logged and managed via Event Control</li> <li>Guardian/group leaders responsible for any individuals involved in a medical incident will be fully informed and briefed as to the nature of the situation and treatment to be given</li> <li>All medical incidents will be recorded on an event accidents form and the information will be passed to all the responsible parties and dealt with in accordance with HSE and RIDDOR guidelines</li> <li>As part of the planning for this, the Event Safety Advisor will make an assessment of the staffing levels required based on the expected attendance number, the medical Risk Assessment and discussions with the NEC's Senior Medical Officer</li> </ul>	<p><b>L 4 + C 4 = 8</b></p>	<ul style="list-style-type: none"> <li>Throughout the event open period there will be continued assessments of the needs and application of the medical provision.</li> <li>The NEC medical team is also supported by a Private First Aid provider and Paramedics who work in conjunction to the NEC team</li> <li>The Safety Advisors and Senior Medical Team will advise Big Bang CIC and the Event Management team of any alterations to the medical plan (if required).</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Slips, trips &amp; falls:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Trailing cables and redundant equipment, loose carpet or other obstruction that might present a hazard</p>	<p><b>L 15 + C 12 = 27</b></p>	<ul style="list-style-type: none"> <li>As part of the pre-planning for the event, all exhibitors and contractors will need to provide details of the exhibition stand/display installation. All cables will be either flown or taped down. Cables will not be permitted to cross the gangways and will be checked prior to the venue being open to the public</li> <li>All redundant equipment will be removed from the exhibition floor prior to the event opening to visitors</li> <li>The Event Safety Advisor and Production Manager will conduct a thorough inspection of the show floor prior to the event opening to ensure there are no obstructions that might cause trips</li> <li>The Event Team will be in direct contact with NEC contracted cleaners that will be on hand to clear up any spillages within the exhibition halls. Spillages involving chemicals on any exhibition stands will have their own methodology of cleaning them up safely and in accordance with COSHH regulations</li> <li>As the event is of a temporary nature the exhibition hall will be constantly checked to ensure that if anything poses a trip hazard, it is reported to Event Control who will ensure it is either removed, repaired or corrected</li> <li>Throughout the duration that the public is on site there will be constant monitoring of the exhibitions. Event Safety Advisors and Event Control will log, control and manage any issues until resolved.</li> </ul>	<p><b>L 2 + C 2 = 4</b></p>	<ul style="list-style-type: none"> <li>Event Safety Team to monitor onsite</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Live experiments and demonstrations with a seated audience</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Personal injury through show related risks, loud bangs &amp; explosions</p>	<p>L 20 + C 16 = 36</p>	<ul style="list-style-type: none"> <li>• A highly experienced team are carrying out the management of the Theatre shows</li> <li>• Scientific demonstrations will have produced a comprehensive risk assessment of all on-stage activities (these are available on request). If you have any doubt we kindly ask that guardians/group leaders speak to the Theatre staff prior to entering the theatre</li> <li>• There is a rolling program of shows throughout the day, and before and during the changeovers, each area will be checked to ensure it is fully operational and fit for purpose</li> <li>• All guardians/group leaders must be aware that in the exhibition halls their party may be exposed to loud bangs, explosions and flashing lights and ought to consider the situation for any persons in their party of a nervous disposition or that have complex medical conditions that may be affected by such effects. There will be clear signage local to these types of activity warning of any such elements. We would ask any guardians/group leaders to respond accordingly and either remove the person in question for their own wellbeing or advise the staff working in such areas running the demonstrations</li> <li>• Everyone in the theatre area will be allocated his or her own seat. Theatre Room Managers will direct you to your seats and manage this aspect of the event</li> <li>• In an emergency you will be directed from the area by the Theatre staff and the NEC Security Team. Guardians/group leaders are requested to listen to and assist in the guidance of their party at this time</li> <li>• Specific Risk Assessments have been produced for the shows and these have been check and signed off by the Event Safety Advisors</li> <li>• The Event Safety Advisor will have checked all of the shows documentation, watched rehearsals and if required put in any additional control measures to ensure all activities are safe. A team will then be in attendance during the first stage performance and onsite the whole time the public is in attendance</li> <li>• The NEC medical team will be on standby to deal with any medical situation should it occur</li> <li>• Throughout the whole time events are running in these areas, constant monitoring will take place and any issues raised by the Theatre Team will be assessed by the Event</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>• All aspects will be rehearsed and continuous monitoring will take place. The Safety Advisors and Production Team will advise Big Bang CIC, and the Event Management Team of any alterations to the show or risk assessment that might need to be made</li> </ul>

		Safety Advisors and Event Control		
What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Substances Hazardous to Health (COSHH):</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Sickness &amp; ill health</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>• Prior to any Exhibitor arriving onsite, all information relating to Hazardous Substances will have been collated, as they must inform the event of what they are bringing and methods that are being used along with their own risk assessments. All items used in the event will have been identified, listed and COSHH data sheets obtained, in addition to this an assessment will be made of each substance to be established as essential to the task or function for which it is used</li> <li>• On arrival to the NEC all hazardous substances will be stored in accordance with the COSHH data sheets and under the guidance of the NEC Safety Team and the Events Safety Advisors. All necessary safety precautions will be in place to establish the safe storage of each hazardous substance including the provision of any necessary water or ventilation systems</li> <li>• All necessary hazard warning signs will be in place local to the substances in use or being stored</li> <li>• All used/waste hazardous substances, including all vessels, bags, wrappings etc. that contain the hazardous substance will be disposed of in accordance with the NEC event waste management plan for hazardous substances</li> <li>• All of the necessary antidotes or neutralising agents must be available in close proximity to the hazardous substance in the event of spillages. Special cleaning staff will clear up spillages and waste will be cleared in accordance with the data sheets for the specific products</li> <li>• The NEC Medical Team will be on standby to deal with any medical situation, should it occur</li> <li>• Throughout the time the Exhibition is running, hazardous substances will be monitored, and any issues raised with these products will be assessed by the Event Safety Advisors and Event Control who will log the situation, control and manage the issues until resolved</li> <li>• Any hazardous substances being moved or in transit will have a detailed method statement covering such activity</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>• Onsite monitoring by the Event Safety Team</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Traffic incident on NEC site</b></p> <p><i>Members of the public, event staff, traffic marshals and contractors</i></p> <p>Vehicle/pedestrian conflicts</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>As with any event of this nature there is a complex and robust traffic management plan in place. The NEC is experience in dealing with high volumes of traffic and is highly proficient in this area</li> <li>Big Bang CIC will be using the NEC's approved traffic management strategies to manage this process</li> <li>The Event Team will produce a detailed plan as to how this process will work</li> <li>All school groups will be sent information within the confirmation email on this and the parking arrangements prior to your visit</li> <li>We recommend that you check if there are any issues on your route to the NEC to identify if there are any traffic issues that might impact on your journey or arrival time <a href="http://www.highways.gov.uk/traffic-information">http://www.highways.gov.uk/traffic-information</a></li> <li>Throughout the time the Exhibition is running NEC security and traffic team, the Event Safety Advisors and Event Control, will monitor progress. Event Control will log the situation, control and manage the issues until resolved and will assess any issues raised with these products</li> </ul>	<p>L 3 + C 3 = 6</p>	<ul style="list-style-type: none"> <li>Traffic issues beyond the boundary of the NEC will be monitored using information provided via local and national traffic reports and the Highways Agency and any aspects of this will be assessed and worked into the dynamic traffic plan on any given day</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Traffic Congestion due to large numbers of coaches arriving on site:</b></p> <p><i>Members of the public, event staff, traffic marshals and contractors</i></p> <p>Long delays within a confined space, injury as a result of walking through a congested area, injury as a result of a traffic collision</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>• Within the NEC complex it has large coach parks capable of accommodating the high volumes of coaches and other transportation expected for this event</li> <li>• Please allow plenty of time to travel from your destination to the NEC. You will be issued with a Big Bang coach sign and asked that you display this clearly in the front window of the coach. Parties with Disabled passengers will be directed to the Blue Badge parking at an inner access point closer to the NEC buildings</li> <li>• Guardians/group leaders will be sent a communication explaining the process and reminding them to take the coach driver contact details so they can call them when they require collecting</li> <li>• Traffic Managers on arrival will pass you a leaflet with additional supporting information</li> <li>• On arrival to the NEC your vehicles (coaches) will be directed to its allocated parking area by the NEC Traffic Team. On arrival please listen to the instructions given to you and your party before disembarking</li> <li>• The main body of coaches will be directed to North 1 Car Park. If your group is staying, drop off and pick up will take place in North 1 Car Park and Blue Badge Coaches will be directed to a hard standing area outside the main Atrium entrance at the NEC where your coaches will wait</li> <li>• Guardians/group leaders please be aware there are large numbers of vehicles (coaches) arriving so please ensure you and your party use all the pedestrian walkways as directed to by the external traffic staff. The road system around the NEC is busy please do not be distracted</li> </ul>	<p>L 3 + C 3 = 6</p>	<ul style="list-style-type: none"> <li>• Coaches arriving without the correct accreditation will be directed to a holding area in North 1 Car park, whilst the traffic management team identify you and deal with your parking requirements. If for whatever reason you do not have your pass you will be directed to this area and your arrival will be managed from this point</li> </ul>



What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Visitors accessing Coach Park:</b></p> <p><i>Members of the public, event staff, traffic marshals and contractors</i></p> <p>Vehicle/pedestrian conflicts</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>You will have been sent a vehicle pass that must be displayed in the window of the coach or mini bus prior to arriving at the NEC complex</li> <li>Once your accreditation has been checked guardians/group leaders and visitors will be directed to the queuing area and entry points for the exhibition</li> <li>From this point event staff will dispatch staff, either traffic managers or event staff to escort the visitor group into the venue. Please follow any given instructions at all times</li> </ul>	<p>L 3 + C 3 = 4</p>	<ul style="list-style-type: none"> <li>Guardians/group leaders should return to the car park that you left your coach or vehicle as it will be waiting for you in the same location</li> <li>If you have a pick up by a coach or mini bus, please return to North 1 Car Park where you will be directed by the NEC traffic team</li> <li>Please make sure you and your traveling party take everything they need from the coach before disembarking</li> </ul>
<p><b>Visitors egressing Coach Park:</b></p> <p><i>Members of the public, event staff, traffic marshals and contractors</i></p> <p>Vehicle/pedestrian conflicts</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>Guardians/group leaders and visitors should not access the coach park until their designated coach has arrived and is ready to pick up</li> <li>When you leave the exhibition, you will need to walk back to the point that your coach dropped you off, unless you have mobility impaired people as part of your group and you will be managed accordingly onsite and directed to specific areas for parking</li> </ul>	<p>L 3 + C 3 = 6</p>	<ul style="list-style-type: none"> <li>Any visitors whose coaches have not used the required procedures will be directed to the place that they were dropped off for pick ups</li> </ul>
<p><b>Fire Hazard – Theatres:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Death, major injury and damage to property</p>	<p>L 20 + C 15 = 35</p>	<ul style="list-style-type: none"> <li>All structures in the theatres are to be of flame retardant substances or class products, documentation on this and any other fire certification for materials used will be held in the event safety file</li> <li>All required documentation will be in place prior to the arrival and construction of the theatre areas</li> <li>The NEC has an existing evacuation strategy in place and The Big Bang Fair will adopt this during opening hours</li> <li>Throughout the time the public are onsite Fire Marshalls are on duty within the NEC complex</li> <li>The theatres to be inspected by Event Safety Advisor NEC safety team and</li> </ul>	<p>L 3 + C 2 = 5</p>	<ul style="list-style-type: none"> <li>There will be a full event fire risk assessment carried out for the event and all required equipment will be checked as part of the venue and stand sign off on a daily basis</li> </ul>

	<p>Production Manager</p> <ul style="list-style-type: none"> <li>The theatres will be assessed as to the required needs of fire fighting equipment and where appropriate equipped with CO<sub>2</sub>, powder, water extinguishers and fire blankets</li> <li>In an evacuation situation the NEC security team will manage this along with The Event Team</li> </ul>	
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What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Fire Hazard – Workshops/side meetings:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Death, major injury and damage to property</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>Event staff to be positioned and will continually check for ignition sources</li> <li>Daily inspection carried out by the Event Safety Advisor and Production Manager</li> <li>Fire points placed in secure locations – all event staff will be made aware of their positions prior to the event opening and fire marshals will be onsite the whole time the public are in the NEC</li> <li>Selected venue stewards trained in fire fighting procedures will be in each zone to monitor and respond as required</li> <li>The NEC has a detailed evacuation strategy in place and The Big Bang Fair will adopt this</li> <li>Should there be an evacuation, guardians/group leaders must listen to and follow the instructions given to you and the people you are responsible for in accordance to the NEC evacuation procedure</li> <li>You will be taken to muster points and held there until it is safe to leave</li> <li>Once the all clear is given, you will either be guided back into the NEC or to the coach parks, again guardians/group leaders please listen to the information being provided and we request that you and your party work with the NEC Security and Stewarding Team to manage the situation</li> </ul>	<p>L 2 + C 4 = 6</p>	<ul style="list-style-type: none"> <li>Event site exit values to be calculated using the Regulatory Reform (Fire Safety) Order 2005</li> <li>Once the final event design has been confirmed a full occupancy calculation will be carried out in accordance with the above order ensuring the aisle widths and exit routes are more than able to carry out the evacuation procedure</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Fire Hazard – Exhibition area:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Death, major injury and damage to property</p>	<p>L 25 + C 15 = 40</p>	<ul style="list-style-type: none"> <li>• The Event Safety Officer, the NEC’s Fire Officer and the Production Manager will inspect and sign off the Exhibition area prior to opening each day</li> <li>• The following areas will be inspected:               <ul style="list-style-type: none"> <li>○ Fire Exits</li> <li>○ Occupancy capacities</li> <li>○ Fire Fighting Equipment is in place and within service date</li> <li>○ Flame Retardancy Certificates held in the safety file</li> <li>○ Event staff numbers required covering all operational aspects of the event</li> <li>○ Emergency Procedures check and alarms tested</li> <li>○ Combustible materials cleared and safely stored</li> <li>○ Storage of Waste away from public areas and managed</li> </ul> </li> <li>• The name and contact details of all key personnel and Room Managers will be obtained and held in Event Control</li> <li>• Throughout the time the Exhibition is running there will be constant patrols of the event halls to ensure constant monitoring takes place and any fire related issues identified are assessed by the Event Safety Advisors, the Fire Safety Officer and Event Control who will log, control and manage the issues until resolved.</li> </ul>	<p>L 5 + C 5 = 10</p>	<ul style="list-style-type: none"> <li>• Throughout the time the Exhibition is running, there will be constant patrols of the event halls to ensure constant monitoring takes place and any fire related issues identified. These issues will be assessed by the Event Safety Advisors the Fire Safety Officer and Event Control who will log the situation, control and manage the issues until resolved</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Fire Hazard – Exhibition Stands &amp; Demonstrations:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Death, major injury, burns and damage to property</p>	<p>L 24 + C 15 = 38</p>	<ul style="list-style-type: none"> <li>All Exhibitors are required to submit detailed Risk Assessments and Method Statements to Big Bang CIC prior to the show and each will be inspected and checked they cover all their operational practices whilst at The Big Bang Fair</li> <li>All of these documents are audited in advance of the event to ensure no flammable exhibits or demonstrations that could cause burns or injuries are permitted in the event</li> <li>The full event safety file can be seen on request</li> <li>The Event Safety Advisor prior to the event opening visually inspects all Exhibitors and their stand</li> <li>The Event Safety Advisors and the NEC safety team will have signed off each stand and demonstrations</li> </ul>	<p>L 5 + C 5 = 10</p>	<ul style="list-style-type: none"> <li>Throughout the time the Exhibition is running there will be constant patrols of the event halls to ensure constant monitoring takes place and any fire related issues identified. These issues will be assessed by the Event Safety Advisors the Fire Safety Officer and Event Control who will log the situation, control and manage the issues until resolved</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Emergency Vehicle Routes (EVR's) Red Routes becoming blocked or obstructed:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>A delay in emergency vehicles being granted access to manage the incident safely</p>	<p>L 20 + C 12 = 32</p>	<ul style="list-style-type: none"> <li>The NEC Event Team and Event Safety Advisors have identified the Emergency Vehicle Routes (EVRs) or Red routes, these are clearly detailed on the event site plan</li> <li>The EVR's are stewarded at all times</li> <li>All Security and Stewards policing EVR's to have operational radios and are in direct contact with Event Control</li> <li>Event Safety Advisor and the NEC Senior Security manager will monitor this at all times</li> <li>The NEC will deal with any requests for emergency services, and will ensure that if required that they get the relevant areas as quickly as possible</li> </ul> <p style="text-align: center;"><b>All emergency routes will be kept clear at all times</b></p>	<p>L 3 + C 3 = 6</p>	<ul style="list-style-type: none"> <li>Event Safety Team and NEC Security and Traffic management will make sure all EVR/ Red routes are clear at all times</li> </ul>
<p><b>LPG (Liquefied Petroleum Gas):</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Fire and explosion</p>	<p>L 15 + C 15 = 30</p>	<ul style="list-style-type: none"> <li>Minimum amounts of (LPG) Liquid Petroleum Gases are allowed in the NEC for demonstration/display purposes</li> <li>If required, it will be stored externally. The NEC will have a designated LPG Store and a specific risk assessment will be created if any of these products are used at The Big Bang Fair</li> <li>The event will follow guidance as detailed in the (LPG) Liquid Petroleum Gas Code of Practice for the safe use and storage of the product, and such legislation will be followed at all times and in full compliance with Gas Safe regulations</li> </ul>	<p>L 4 + C 2 = 6</p>	<ul style="list-style-type: none"> <li>All aspects of LPG will be managed and monitored by the Event Safety Advisors and the NEC Safety team</li> <li>Once installed all of the installations will be checked and signed off by a qualified gas engineer</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Waste Storage:</b> <i>Members of the public, event staff and contractors</i> Ignition source</p>	<p>L 15 + C 12 = 27</p>	<ul style="list-style-type: none"> <li>A full waste management plan will be in place and the NEC waste management team will manage it. There will be mobile cleaning teams who can clear any build-up of waste should it occur</li> <li>All exhibitors are requested to remove waste to avoid any build up and if they require assistance they should contact Event Control who will deal with the request and task the NEC waste management team to assist as required</li> <li>Waste storage close to event infrastructure to be provided in metal skips in secure locations away from main public areas</li> <li>Suitable and sufficient fire fighting equipment to be in place</li> <li>Event Safety Advisor and Production Manager to inspect</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>The Event Safety Advisors, and NEC fire safety team will monitor all aspects. Fire related issues identified will be assessed by the Event Safety Advisors, the Fire Safety Officer and Event Control who will log the situation, control and manage the issues until resolved</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Arson:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Damage by fire or smoke to persons and/or property as a result of a wilful act</p>	<b>L 15 + C 12 = 27</b>	<ul style="list-style-type: none"> <li>A full waste management plan will be in place, which the NEC Waste Management team will manage. There will be mobile cleaning teams who can clear any build-up of waste should it occur</li> <li>Smoking is not permitted in the NEC; there are dedicated smoking areas in and around the NEC</li> <li>Combustibles will be kept to a minimum where possible. No storage of combustible or explosive materials will be permitted in the NEC Hall</li> <li>Provide suitable and sufficient fire extinguishers at exit doors. Event staff to be aware of location of extinguishers</li> <li>All fabric of drapes, linings and any floor covering to be flame retardant to BS5348 Test 2, BS7157 Annex A, BS7837, BS5287 Table 1 or BS5867 Part2 Type B as appropriate. Certificates to be available for inspection</li> <li>Materials that have been chemically treated to achieve their fire Retardancy may require recertification at intervals – Event Safety Advisor to check for certification</li> <li>Access to combustibles to be restricted to working personnel only</li> </ul>	<b>L 2 + C 2 = 4</b>	<ul style="list-style-type: none"> <li>There is a full surveillance operation in place, ranging from visual detection to a range of electronic fire detections systems that will be operational throughout the event and managed by the NEC</li> </ul>
<p><b>Emergencies: That might cause the need for a full evacuation</b></p> <p><i>Members of the public, event staff and contractors</i></p> <ul style="list-style-type: none"> <li>Terrorist threat</li> <li>Fire in the Exhibition Halls</li> <li>Collapse of structure</li> <li>Power failure</li> </ul>	<b>L 25 + C 15 = 40</b>	<ul style="list-style-type: none"> <li>The current UK Government Threat Level is set to Severe. We all need to have a heightened state of awareness to this and the emergency procedures that follow:</li> <li>The NEC has an Evacuation Plan that has been agreed with the local emergency services and responsible partners, that cover the requirements of a fire evacuation and the management plan for an act of terrorism</li> <li>Should there be a need for an Evacuation, Emergency announcements will be made over the NEC PA system (back-up power necessary) to give instructions to the visitors. We ask guardians/group leaders to listen to these and act as directed, and support the work of the Security Team and Emergency Services</li> <li>All access routes to be controlled by the venue</li> <li>Event staff and Event Safety Advisor will be familiar with all processes</li> </ul>	<b>L 5 + C 5 = 10</b>	<ul style="list-style-type: none"> <li>There are specific overt and covert operations that will be in place at the NEC. For example there are random searches conducted by security and search dogs in venue</li> <li>We encourage those attending our events to also remain vigilant and to report any suspicious activity to our security staff or police</li> <li>The NEC does not discuss specific security details as</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>Portable Electrical Equipment:</b> <i>Members of the public, event staff and contractors</i> Sources of ignition and heat</p>	<p>L 15 + C 10 = 25</p>	<ul style="list-style-type: none"> <li>Reputable suppliers used</li> <li>The NEC house mains supplied to be used for all of the exhibits and the appointed contractor to manage the mains distribution and protection</li> <li>Evidence of PAT (portable appliance testing) available upon request</li> <li>Visual inspection as installed on site and damaged equipment to be either repaired by a qualified person and then PAT tested or to be removed from site</li> <li>All equipment to be powered down at the end of the work activity</li> <li>All electrical installations by exhibitors to be signed off as fully compliant with all IET Wiring Regulations BS 7671 and take particular note of Regulation 421.1.201 (PROTECTION AGAINST FIRE CAUSED BY ELECTRICAL EQUIPMENT)</li> <li>Event Safety Advisor to check and collate the electrical sign-off documentation</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>Throughout the exhibition there will be constant monitoring of all electrical installations by stand owners and the Event Safety Advisors. Any issues identified will be rectified and if needed the NEC electrical team will be involved</li> </ul>
<p><b>Blocked vents on Portable equipment with internal fans:</b> <i>Members of the public, event staff and contractors</i> Sources of ignition and heat</p>	<p>L 15 + C 10 = 25</p>	<ul style="list-style-type: none"> <li>Event layout designed to allow adequate space for equipment storage</li> <li>Production Manager to check before each session that vents have not become blocked</li> <li>All equipment to be powered down at the end of the work activity</li> <li>Remove all potential sources of heat generating items away from possible sources of ignition</li> <li>Ensure that all heat generating items are clear from any obstructions and have a good free flow of air and to be well ventilated</li> <li>Event Safety Advisor to monitor</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>As part of the pre show checks and routine patrols, the ventilations aspects will be inspected for any issues</li> </ul>



What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
<p><b>House supply socket. No residual current device on outlet:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Sources of ignition and heat</p>	<p>L 15 + C 10 = 25</p>	<ul style="list-style-type: none"> <li>Production Manager and Event Safety Officer to undertake basic checks onsite</li> <li>RCD (Residual current devices) provided by official contractor to be located as near as possible to mains outlet to reduce length of unprotected cable</li> <li>Routing of all cable to be considered and managed</li> <li>Approved type connector to be used only</li> </ul>	<p>L 2 + C 2 = 4</p>	<ul style="list-style-type: none"> <li>Event Safety Team to monitor onsite</li> </ul>
<p><b>Set materials (Felt &amp; Timber):</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Sources of fuel</p>	<p>L 12 + C 12 = 24</p>	<ul style="list-style-type: none"> <li>Stock products from a reputable supplier</li> <li>All contractors to supply full details of the stands materials and to provide all required information as required by the Event Team as part of their own Big Bang Risk Assessment</li> <li>All fabrics to be inherently flame retardant with proof of fire certification</li> <li>Use Class 1/A timber or thicker than 10mm</li> <li>Fire certificates held in the event safety file</li> <li>A test sample of materials if no certificate available that can be tested</li> <li>Event Safety Advisor to inspect all aspects of the products used in building the stand and other scenic items used during The Big Bang Fair</li> </ul>	<p>L 4 + C 3 = 7</p>	<ul style="list-style-type: none"> <li>None required</li> </ul>
<p><b>Fire Escape Routes:</b></p> <p><i>Members of the public, event staff and contractors</i></p> <p>Becoming blocked or obstructed</p>	<p>L 20 + C 12 = 32</p>	<ul style="list-style-type: none"> <li>Where possible all cables laid flat, matted with heavy rubber matting and taped in place</li> <li>Ensure that personal belongings e.g. bags do not block exit routes or walkways</li> <li>Do not allow waste products, signs or other movable objects to block exit routes or walkways</li> <li>White tape used to mark trip hazard</li> <li>Consider alternative route with less traffic over the duration of the event</li> <li>Check at regular intervals throughout each day and before each session</li> <li>Escalate to venue if there is no sensible provision for cabling across the</li> </ul>	<p>L 4 + C 4 = 8</p>	<ul style="list-style-type: none"> <li>Event Safety Team, and security to monitor onsite and manage any issues</li> </ul>

What is the hazard, who might be harmed and how	Initial Risk Rating	Control / Actions	Residual Risk Rating	Further Action / Controls
		<p>doorways, a requirement at the NEC</p> <ul style="list-style-type: none"> <li>Production Manager &amp; Event Safety Advisor to monitor and advise as needed</li> </ul>		
<p><b>Additional Fire Risks:</b> <i>Members of the public, event staff and contractors</i> Personal injury and property damage</p>	<p>L 20 + C 16 = 36</p>	<ul style="list-style-type: none"> <li>Limit sources of ignition</li> <li>Limit sources of fuel – all construction materials in set / staging / dressing to be treated with a fire retardant</li> <li>A separate risk assessment to be undertaken when oxidising agents and or oxygen gas cylinders brought onsite</li> <li>All staff will not interfere with any detection equipment installed by the venue</li> <li>Event Safety Advisor to conduct a separate risk assessment where egress routes, signage or fire fighting equipment are obstructed</li> <li>All event staff to be briefed on proper procedures to be undertaken when discovering a fire</li> <li>All personnel to be briefed on evacuation procedure including escape routes</li> <li>Event Safety Advisor and Fire Marshalls will monitor the exhibition halls at all times in relation to fire related issues. The Event Safety Advisors and the Fire Safety Officer will assess identified issues and Event Control will log the situation, control and manage the issues until resolved</li> </ul>	<p>L 4 + C 4 = 8</p>	<ul style="list-style-type: none"> <li>Event Safety Team, and security to monitor onsite and manage any issues</li> </ul>