Production Risk Assesment



Production	Production	Venue	Various
Person Conducting the Risk Assesment	Eleanor Weller-Brown	Position	Production Coordinator - WA
Supervisor of the Area	Roger Miller	Position	Production Manager

UPDATES REGISTER					
Date	Updated by	Changes made	Signature		
8/07/2024	B Hickey	Updated for National Tour			
6/03/2025	E Weller-Brown	Checked for National Tour			
31/03/2025	N Glen	updated for Hong Kong	NGLEN		

Performing Lines has a commitment to comply with the 2011 Work Health and Act to ensure a safe and healthy workplace for all. The Act establishes a general duty of care that an employer owes to its employees. This includes independent contractors, employees of the contractor and members of the general public. Liability arises where a person is exposed to the risk of injury to health and safety. This means it is not necessary for a person to be injured but be merely exposed to risk. Put in context, we must focus our attention on the risk to health and safety rather than the consequences of an incident.

Due to the nature of live performance touring, it is difficult to foresee all risk source elements and many will be identified or known only by the relevant internal and external event co-ordinators, stakeholders, contractors and/or suppliers of products or services. We must involve all of these experienced people in our risk assessment. We at Performing Lines are aware of the importance of addressing occupational health and safety issues in the conceptual stages of an event to identify risk source elements and adopt strategies to reduce or minimise identified risks.

This document has been designed to identify hazards associated with a specific theatrical production and to detail control measures to ensure the risk to life, wellbeing and property is minimised. This is a live document and is to be updated as additional hazards are identified and mitigated.

	Consequence Label				
Likelihood	Negligible	Minor	Moderate	Major	Catastrophic
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Medium	Medium	High	High	Extreme
Possible	Low	Medium	Medium	High	High
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Medium	Medium	Medium

Likelihood			
Likelihood	Category	Description	
Almost Certain	А	The event is expected to occur in most circumstances	
Likely	В	The event will probably occur in most circumstances	
Possible	С	The event should occur at some time	
Unlikely	D	The event could occur at some time	
Rare	E	The event may occur only in exceptional circumstances	

Consequence						
Consequence	Business Interruption	Environmental	Financial	Human	Public Image & Reputation	
Catastrophic	Essential service failure, or key revenue generating service removed	Irreversible damage	Above \$20,000,000	Death(s) / many critical injuries	National and International Concern / exposure	
Major	Service or provider needs to be replaced	Harm requiring restorative work	Up to \$10,000,000	Single Death/ multiple long term or critical injuries	State wide Concern / exposure	
Moderate	Temporary, recoverable service failure	Residual pollution requiring cleanup work	Up to \$1,000,000	Single minor disablement/ multiple temporary disablement	Local community concern	
Minor	Brief service interruption	Remote, temporary pollution	Up to \$200,000	Injury	Customer complaint	
Negligible	Negligible impact, brief reduction/loss of service 2- 12 hours	Brief, non-hazardous, transient pollution	Up to \$20,000	Minor First Aid	Resolved in day-to-day management	





General	MANUAL HANDLING- MA	ANOUVERING OF SET PIECES/ SCENER	Y/ TECHNICAL EQUIPMENT		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Crew members could sustain muscular- skeletal injuries through incorrect handling procedures				
	LIKELIHOOD CONSEQUENCE RISK RATING				
	Possible	Moderate	Medium		
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 Ensure adequate staffing levels for activity Consider handling in design process Use safe lifting posture and technique Assess the load before commencing lift to ensure sufficient resources Where possible/practical employ mechanical means to reduce physical impact on crew (ie trolleys, forklifts etc Where necessary, ensure that one person is identified to 'call the lift' 				
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING		
NESIDOAL NISK	Unlikely	Minor	Low		
Persons Responsible	Production Manager, Stage Manager, Designers, Technicians				

General	MANUAL HANDLING- MA	ANOUVERING OF SET PIECES/ SCENERY/	TECHNICAL EQUIPMENT		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Injury to crew members or bystanders whilst unloading trucks/vans etc.				
	LIKELIHOOD CONSEQUENCE RISK RATING				
	Likely	Moderate	Medium		
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 Ensure that the unloading area is clear of obstructions and where possible divert non-essential personnel around site. Follow local safe loading procedures Wear Hi-vis where required Use barricades, witches' hats or similar to secure work area in high-traffic locations Ensure sufficient light for task 				
	LIKELIHOOD	CONSEQUENCE	RISK RATING		
	Unlikely	Moderate	Medium		
Persons Responsible	Production Manager, Stage Manager, De	signers, Technicians, Truck Driver			

General	UNSAFE ELECTRICAL EQUIPMENT				
	Electric shock, electrocution. Fire. Damag	ge to equipment			
	LIKELIHOOD	CONSEQUENCE	RISK RATING		
	Likely	Major	High		
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All electrical items to be tested and tagged prior to use All equipment to be used according to its design specifications Visual examination of equipment prior to use Ensure all manufacturer's safeguards are in place (e-stops etc.) Any significant alterations to equipment (beyond common industry practice- ie changing bubbles) must be conducted by a licenced electrician Cable ends on items determined to be faulty and decommissioned to be cut off to avoid accidental use Operators to be aware of local hazards (water, weather, plant equipment etc being used 				
RESIDUAL RISK	LIKELIHOOD CONSEQUENCE RISK RATING				
NESIDOAE NISK	Unlikely	Moderate	Medium		
Persons Responsible	Production Manager, Venue	roduction Manager, Venue			

General	SLIPS AND FALLS				
RISKS: WHAT IS THE HARM THE	Cast and crew may trip on uneven surfaces and unsecured equipment				
HAZARD COULD CAUSE?					
	LIKELIHOOD	CONSEQUENCE	RISK RATING		
	Likely	Moderate	Medium		
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	Cast and crew to receive safety briefing and familiarisation tour of stage and associated areas on arrival with potential hazards pointed out Maintain a neat and tidy work area with equipment and tools contained to the dedicated work area- pack tools and equipment once they are no longer needed Secure all cables running over floor with mats/ cable trays/ tape etc Ensure adequate light when working on stage Where necessary, use glow tape to mark stage edges, steps, rostra and braces Maintain well defined travel pathways backstage- clear of obstruction No running on stage or in the auditorium Stage access to be limited to necessary personnel Trip hazards to be remedied, removed or reported Adequate level of House LX to facilitate entry and egress of audience				
RESIDUAL RISK	LIKELIHOOD CONSEQUENCE RISK RATING				
	Unlikely	Moderate	Medium		
Persons Responsible	Production Manager, Stage Manager, De	signers, Technicians, Truck Driver			

General	CREW WORKING AT HEIGHTS			
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Crew or objects may fall from elevation			
	LIKELIHOOD	CONSEQUENCE	RISK RATING	
INHERENT RISK	Likely	Major	High	
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All work to be conducted from recognised lifters/ ladders/ platforms with adequate safety railings/ guards etc Where practicable, all loose equipment to be left on ground level or secured with lanyards Appropriate safe light provided for work Where mandated, safety harnesses must be worn and 'rescue strategy' must be available Person working at heights must be in communication with another person in the venue at all times Persons using EWPs must be familiar with the equipment and all dedicated safety features must be implemented during use (eg. Chains/ outriggers etc) Crew members/ cast to avoid standing directly below ladders and EWPs where possible and practical 			
RESIDUAL RISK LIKELIHOOD CONSEQUENCE RIS				
	Unlikely	Moderate	Medium	
Persons Responsible	Production Manager,Crew			

General		Rigging		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Unsecured objects or items exceeding SWL may fall from grid			
	LIKELIHOOD	CONSEQUENCE	RISK RATING	
	Possible	Catastrophic	High	
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All rigged items must be hung in accordance to SWL and SOPs with rated and recognised rigging equipment Visual inspection of rigging equipment to be carried out prior to the commencement of rigging All crew engaged in rigging equipment must be familiar with rigging SOPs Crew member to direct traffic around rigging area to ensure no danger of rigged item falling on other people. Where there is a higher likelihood, area to be barricaded at the discretion of PM/ Venue technician Safety chains to be attached to all rigged items Ensure sufficient light for task 			
	LIKELIHOOD	CONSEQUENCE	RISK RATING	
	Unlikely	Major	Medium	
Persons Responsible	Production Manager, Crew, Riggers			

General	EMERGENCY EVACUATION			
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Cast and crew may become disorientated in the event of an emergency evacuation			
	LIKELIHOOD	CONSEQUENCE	RISK RATING	
	Possible	Catastrophic	High	
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All cast and crew to receive venue safety induction upon arrival including (but not limited to) Evacuation points Assembly areas First aid location Emergency contacts Stage Manager to have access to emergency announcement and confirm with venue staff who is responsible for evacuating the audience in an emergency Venue to ensure there are no obstructions in egress points and adequate emergency lighting. 			
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING	
	Unlikely	Moderate	Medium	
Persons Responsible	Production Manager, Stage Manger, Venue M	1anager, Head Technician		

General	USE OF POWERTOOLS		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Crew member may sustain injury through accident or incorrect application of the tool		
INHERENT RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Possible	Catastrophic	High
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 Crew members using powertools to have received training or instruction in their application All appropriate PPE to be worn by operator (gloves, googles, muffs etc) Where welding or hot work taking place, ensure fire suppression equipment available nearby Ensure adequate ventilation where necessary Cable managment to be used to avoid tripping and overloading hazards 		
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Unlikely	Major	Medium
Persons Responsible	Production Manager, Crew,		

General	FIRE		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Set elements or materials used in set construction may cause or escalate the rate of spread of a fire		
INHERENT RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Possible	Catastrophic	High
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All drapes to be treated with fire retardant as per manufacturer's instructions so as to comply with Australian standards. In instances where this is not practicable, a targeted fire mitigation strategy must be developed, eg. Increased suppression equipment. Appointment of a dedicated fire warden Contact between heat emitting objects and potentially flammable materials to be avoided Use of live flame on stage subject to targeted fire mitigation strategy Venue to ensure all fire suppression equipment is accessible and operational at all times. Touring company to comply with all venue safety rules regarding fire protection Sets to be modified where required to allow for the activation of venue fire curtains All cast and crew to be briefed on emergency evacuation procedures 		
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Unlikely	Moderate	Medium
Persons Responsible	Production Manager, Venue Manager, Head	Technician	

Set	Set collapse		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Set builds may collapses due to structural integrity or not being put together correctly. Causing physical harm to building or assets around it.		
INHERENT RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Possible	Moderate	Medium
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All structures to be installed by experienced personnel in accordance with Australian Standards and local, state and federal regulations. Permits for temporary structures and stages, along with engineer's signoff to be obtained where required. All other equipment to be checked and signed off by Stage Manager to ensure correct construction. All Set equipment to be deemed safe for use by Stage Manager. 		
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Unlikely	Minor	Low
Persons Responsible	Production Manager, Stage Manger, Buil	der	

General	TRUSS			
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Unsecured truss falls. Potential injury to cast, crew or audience.			
INHERENT RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING	
	Possible	Catastrophic	High	
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 Truss must be hung in accordance to SWL and SOPs with rated and recognised rigging equipment Visual inspection of rigging equipment to be carried out prior to the commencement of rigging An assessment of the truss's load-bearing capacity and structural integrity will be carried out prior to rigging. It will be ensured that it can support the intended loads (e.g., lighting fixtures, speakers, curtains) without exceeding its design limits. Evaluation of the environment where the truss will be rigged. Consideration of factors such as floor loading capacity, overhead obstructions, proximity to electrical lines, and the presence of adequate anchorage points. Development and implementation of detailed lifting plan that including load calculations, rigging configuration, and procedures for safe assembly and disassembly of the truss. Consideration factors like the angle of rigging points and the distribution of loads. All crew engaged in rigging truss must be familiar with rigging SOPs Crew member to direct traffic around rigging area to ensure no danger of rigged item falling on other people. Where there is a higher likelihood, area to be barricaded at the discretion of PM/ Venue technician Safety chains to be attached to all rigged items Ensure sufficient light for task 			
	LIKELIHOOD	CONSEQUENCE	RISK RATING	
	Unlikely	Major	Medium	
Persons Responsible	Production Manager, Crew, Riggers			

General	VULNERABLE PERSON - Physical & mental wellbeing		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Damage to a childs physical, emotional or mental wellbeing throughout the performance. Emotional stress on children due to performance environment.		
	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Possible	Catastrophic	High
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All persons working on this production must have a WWCC and be inducted into the WWVP policy. When moving throughout venues, the children must be accompanied at all times. The SM is prepared to help escort a child out of the performance if they become overwhelmed. All Set equipment to be deemed safe for use by Stage Manager. Monitor interactions and address inappropriate behavior promptly. Any incidents should be reported to the Child Safety Officer or their Manager at Performing Lines 		
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
RESIDOAL RISK	Unlikely	Major	Medium
Persons Responsible	All personal involed in production		

General	VULNERABLE PERSON - Child Safety		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Potential for inappropriate behaviour or comments from other children, staff, volunteers or contractors. This includes Phycological, physical and sexual abuse (grooming, misconduct, lack of appropriate care/supervision)		
	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Possible	Catastrophic	High
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 All persons working on this performance must have a WWCC and be inducted into the WWVP policy When moving throughout venues, children must be accompanied at all times. Ensure adequate adult supervision during performances. Ensure all people are aware of the WWVP policy reporting guidelines. 		
	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Unlikely	Major	Medium
Persons Responsible	All personal involed in production		

General	AUDIENCE ACCESS TO STAGE		
RISKS: WHAT IS THE HARM THE HAZARD COULD CAUSE?	Potential for injury or inaccessibility during audience access stage		
INHERENT RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Possible	Major	High
WHAT CONTROL MEASURES NEED TO BE IMPLIMENTED TO REDUCE RISK?	 Audience pathway from front of house to stage must be clear and well lit Front of house staff to be briefed on how to assist audience to the stage Wheelchair assessbility to stage must be available to audience for all performances. 		
RESIDUAL RISK	LIKELIHOOD	CONSEQUENCE	RISK RATING
	Unlikely	Moderate	Medium
Persons Responsible	Stage Manager, Production Manager, Front o	f House Manager	