

Risk Assessment

Risk Assessment for the activity of:	Into the Woods Supplementary Risk Assessment Supplementary RA relating to show-specific activities outside the scope of the General RA, specifically addressing treads on wheels.	Date:	25/01/2025
Group Name:	SUSU Stage Technicians' Society and Showstoppers	Assessor:	Rubens Pirie (Annex Officer)
Supervisor:	SUSU Activities Team	Signed off:	N/A Approved Electronically by SUSU Activities Team

PART A - Risk assessment

(1) Risk Identification			(2) Risk assessment			(3) Risk management			
Hazard	Potential Consequences	Who might be harmed (See Risk Groups section)	Inherent			Control Measures	Residual		
			Likelihood	Impact	Score		Likelihood	Impact	Score

Section 1 - Movement of treads on wheels

Falling due to External Motion	Injuries from falling to ground, possibly leading to crushing	C	4	3	12	Brakes are to be applied at all times the tower is not in motion, if they are unable to be applied no actor must climb them.	1	3	3	Agreed plan on use of treads to be made in advance which is to be communicated to all pertinent members of cast, prod and crew.
						Three points of contact must be maintained at all times.				
						Adequate rehearsal time must be given to the treads on wheels and ensuring the actors are comfortable with its use.				
						Clear procedures to be in place such as an agreed "STOP" signal in the event of mishaps or danger.				
						Treads are to remain stationary at all times while persons are aboard them.				
						A handrail must be present in order to facilitate a 3rd point of contact.				
						Sturdy footwear must be worn on the treads at all times.				

Falling from Height	Injuries from falling to ground	C	4	3	12	<p>A handrail must be present in order to facilitate a 3rd point of contact.</p> <p>Treads are to remain stationary at all times while persons are aboard them.</p> <p>Three points of contact must be maintained at all times.</p> <p>Sturdy footware must be worn on the treads at all times.</p> <p>Treads are to be inspected after initial construction and as required throughout the show process.</p>	1	3	3	Agreed plan on use of treads to be made in advance which is to be communicated to all pertinent members of cast, prod and crew.
Crushing	Wide range of injuries due to pinning or other crushing methods	B C X	4	4	16	<p>Clearly defined paths should be marked or noted where possible to avoid persons, objects or debris in the direction of travel.</p> <p>Movements should be kept to a minimum where possible.</p> <p>All movements should be preplanned and discussed ahead of show performances.</p> <p>Cast or Crew moving treads to be wearing protective footwear.</p> <p>Clear procedures to be in place such as an agreed "STOP" signal in the event of misshaps or danger.</p> <p>Where possible edges and potential pinch points should be clearly marked.</p>	1	4	4	Agreed plan on use of treads to be made in advance which is to be communicated to all pertinent members of cast, prod and crew.
Unscheduled Disassembly	Major or minor injuries from falling to ground, being impaled onto debris or being hit by debris.	B C G X	3	4	12	<p>Treads are to be inspected after initial construction and as required throughout the show process.</p> <p>Clear procedures to be in place such as an agreed "STOP" signal in the event of misshaps or danger.</p> <p>Movements should be kept to a minimum where possible.</p> <p>Cast or Crew moving treads to be wearing protective footwear.</p> <p>A saftey factor of >2, i.e. the treads are able to withstand at least twice the maximum reasonably forseeable load or castors are able to support at least twice the maximum forseeable load.</p>	1	4	4	

PART B - Action Plan**Risk Assessment Action Plan**

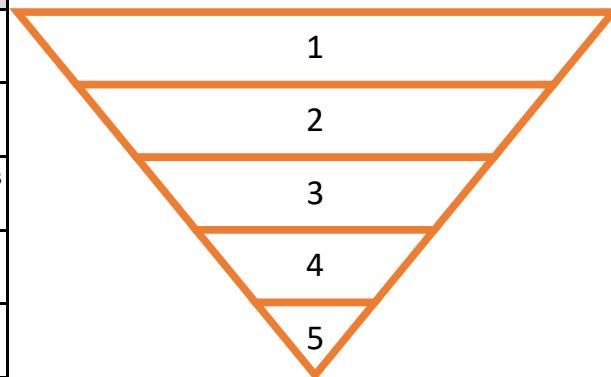
Part no.	Action to be taken, incl. Cost	By Whom	Target Date	Review Date	Outcome at review Date
1	Set inspection	Annex Officer and/or Impartial 3rd Party	09/02/2026	Rest of committee members to review at the next possible committee meeting after get in.	
2	All Cast and Crew to be given health and safety talk and given set specific risks.	Technical Directors	10/02/2026	Rest of committee members to review at the next possible committee meeting after get in.	
3	Treads inspection after each performace or as required.	Annex Officer and/or Impartial 3rd Party	08/02/2026 to 14/02/2026	Rest of committee members to review at the next possible committee meeting after get in.	

Responsible Committee Member Signature:	Responsible Committee Member Signature:
Print Name: Rubens Pirie	Date:

Risk Assessment Guidance

Control Measure Hierarchy

Eliminate	Remove the hazard wherever possible which negates the need for further controls.	If not possible then explain why.
Substitute	Replace the hazard with one less hazardous.	If not possible then explain why.
Physical Controls	Examples: enclosure, fume cupboard, glove box.	Likely to still require admin controls as well.
Admin Controls	Examples: training, supervision, signage.	
Personal Protection	Examples: respirators, safety specs, gloves.	Last resort as it only protects the individual.



Risk Assessment Matrix						
LIKELIHOOD	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
		1	2	3	4	5
IMPACT						

Likelihood		
1	Rare	eg. 1 in 100,000 chance or higher
2	Unlikely	eg. 1 in 10,000 chance or higher
3	Possible	eg. 1 in 1,000 chance or higher
4	Likely	eg. 1 in 100 chance or higher
5	Very Likely	eg. 1 in 10 chance or higher

Impact		
1	Trivial- insignificant	Very minor injuries eg. slight bruising.
2	Minor	Injuries or illness eg. Small cut or abrasion which require basic first aid treatment even if self-administered.
3	Moderate	Injuries or illness eg. Strain or sprain requiring first aid or medical support.
4	Major	Injuries or illness eg. Broken bone requiring medical support > 24 hours and time off work >4 weeks.
5	Severe - extremely significant	Fatality or multiple serious injuries or illness requiring hospital admission or significant time off work.

Risk Groups		
A	Audience	People that enter performance locations as patrons.
B	Band	Members of the show company that are primarily located in the band "pit".
C	Cast	All other members of a show company, including production team.
G	General Public	Any member of the public not attending a show.
X	Crew	Any person that is involved with technical aspects of a show.