

Task/Activity/Environment: Raising and Lowering overhead stage lighting trusses	Location: Stage	Date of Assessment: Sept 2010 Re assessed Jan 2018																																																																														
Identify Hazards which could cause harm: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">No.</th> <th style="width: 90%;">Hazard</th> </tr> <tr> <td>1</td> <td>Raising and lowering trusses.</td> </tr> <tr> <td>2</td> <td>Falling objects/ equipment</td> </tr> <tr> <td>3</td> <td>Snagging</td> </tr> <tr> <td>4</td> <td>Shock (Sudden/Physical).</td> </tr> <tr> <td>5</td> <td>Unauthorised access to control gear</td> </tr> </table>	No.	Hazard	1	Raising and lowering trusses.	2	Falling objects/ equipment	3	Snagging	4	Shock (Sudden/Physical).	5	Unauthorised access to control gear	Identify risks = what could go wrong if hazards cause harm: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">No.</th> <th style="width: 90%;">Risk</th> </tr> <tr> <td>1</td> <td>Black Legs snagging, Catching Flats or other equipment, injury to persons head, crushing. Striking obstacles and personnel.</td> </tr> <tr> <td>2</td> <td>Falling objects, electrocution, Incorrectly secured/loose items on truss.</td> </tr> <tr> <td>3</td> <td>Pushing or pulling equipment over, Unpredictable movement caused from Multicore snagging. Crushing , Electrocution,</td> </tr> <tr> <td>4</td> <td>Drop equipment, Unexpected noise from trusses and motors on start up,</td> </tr> <tr> <td>5</td> <td>Unqualified & Inexperienced use of equipment, Crush, Bumps, Electrocution, Snagging, head injuries, falling objects.</td> </tr> </table>		No.	Risk	1	Black Legs snagging, Catching Flats or other equipment, injury to persons head, crushing. Striking obstacles and personnel.	2	Falling objects, electrocution, Incorrectly secured/loose items on truss.	3	Pushing or pulling equipment over, Unpredictable movement caused from Multicore snagging. Crushing , Electrocution,	4	Drop equipment, Unexpected noise from trusses and motors on start up,	5	Unqualified & Inexperienced use of equipment, Crush, Bumps, Electrocution, Snagging, head injuries, falling objects.																																																						
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List groups of people who could be affected: Mechanics Staff Visiting Crews & Artists, Venue Staff, People visiting stage.	What numbers of people are involved? 1 - 100																																																																															
What existing precautions are in place to reduce risks? <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">No.</th> <th style="width: 60%;">Precaution</th> <th style="width: 10%;">L</th> <th style="width: 10%;">X</th> <th style="width: 10%;">S</th> <th style="width: 10%;">=</th> <th style="width: 10%;">RS</th> </tr> <tr> <td>1</td> <td>Only lower/raise trusses when you have a clear view of the stage area. Give a Verbal warning, Training.</td> <td></td> <td>X</td> <td>4</td> <td></td> <td>4</td> </tr> <tr> <td>2</td> <td>Ensure all primary equipment is safe and secure, Training.</td> <td></td> <td>X</td> <td>4</td> <td></td> <td>8</td> </tr> <tr> <td>3</td> <td>Multicore's on trusses are rooted to avoid snagging, Training.</td> <td></td> <td>X</td> <td>5</td> <td></td> <td>5</td> </tr> <tr> <td>4</td> <td>Verbal warning prior to lowering and raising trusses, Training.</td> <td></td> <td>X</td> <td>4</td> <td></td> <td>4</td> </tr> <tr> <td>5</td> <td>Electrical Isolation Unit, Emergency stop button, key switch to prevent unauthorised use. Training.</td> <td></td> <td>X</td> <td>5</td> <td></td> <td>5</td> </tr> </table>	No.	Precaution	L	X	S	=	RS	1	Only lower/raise trusses when you have a clear view of the stage area. Give a Verbal warning, Training.		X	4		4	2	Ensure all primary equipment is safe and secure, Training.		X	4		8	3	Multicore's on trusses are rooted to avoid snagging, Training.		X	5		5	4	Verbal warning prior to lowering and raising trusses, Training.		X	4		4	5	Electrical Isolation Unit, Emergency stop button, key switch to prevent unauthorised use. Training.		X	5		5	Score the risk with these precautions in place: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">No.</th> <th style="width: 10%;">L</th> <th style="width: 10%;">X</th> <th style="width: 10%;">S</th> <th style="width: 10%;">=</th> <th style="width: 10%;">RS</th> </tr> <tr> <td>1</td> <td></td> <td>X</td> <td>4</td> <td></td> <td>4</td> </tr> <tr> <td>2</td> <td></td> <td>X</td> <td>4</td> <td></td> <td>8</td> </tr> <tr> <td>3</td> <td></td> <td>X</td> <td>5</td> <td></td> <td>5</td> </tr> <tr> <td>4</td> <td></td> <td>X</td> <td>4</td> <td></td> <td>4</td> </tr> <tr> <td>5</td> <td></td> <td>X</td> <td>5</td> <td></td> <td>5</td> </tr> </table>		No.	L	X	S	=	RS	1		X	4		4	2		X	4		8	3		X	5		5	4		X	4		4	5		X	5		5
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Who will be responsible for implementing these actions: Technical Staff	By When: Ongoing																																																																															

Score	Likelihood
0	Almost impossible
1	Very Unlikely
2	Unlikely < than 50/50 chance
3	Likely > than 50/50 chance
4	Very Likely
5	Virtually Certain

Score	Severity
0	No injury
1	First aid
2	< 3 days absence
3	> 3 days absence
4	Long term injury/ill health
5	Death or disabling

Total Score	Level of Risk	Action Required
0-1	I=Insignificant	No action
2-6	L=Low	Review controls to remain effective
<i>If greater than 7, identify additional actions</i>		
8-16	M=Medium	Identify additional actions to reduce
20	H=High	Seek further advice
25	C=Critical	STOP seek further advice

Completed by:

Lee Rothwell

Geoff Soltau

Angus Allan

Scott Knowles

Signed:

Date for review:

January 2019