

Task/Activity/Environment: Working in the Auditorium Roof Space	Location: Mechanics Auditorium	Date of Assessment: January 2018	Date for Review: January 2019				
Identify Hazards which could cause harm: No. Hazard		Identify risks = what could go wrong if hazards cause harm: No. Risk					
1 Fire in Control Room	2 Accident or illness.	1 Escape blocked by fire or smoke leaving personnel trapped.	2a Casualty incapacitated and unable to raise alarm by themselves.				
3 Slips & trips	4 Work at height / falls	2b Difficult access to casualty, rescuer(s) unable to treat effectively in-situ.	2c Casualty incapacitated and unable to be evacuated by in-house personnel.				
4 Work at height / falls	5 Electric shock	3 Slips & trips leading to injury &/or falls.	4a Personnel falling from lighting gantry.				
5 Electric shock	6 Low light environment	4b Personnel falling from catwalk.	4c Unsecured objects, either dropped or disturbed by personnel.				
6 Low light environment	7 Contractors	5 Electrocutation.	6 Slips, trips, cuts, bruises, bumps to head, striking unseen objects, disturbing unseen objects.				
7 Contractors		6 External personnel working in unfamiliar environment doing unusual (for the area) tasks.	7 External personnel working in unfamiliar environment doing unusual (for the area) tasks.				
List groups of people who could be affected: Mechanics Technical staff, contractors, technicians & others with Work at Heights certification.		What numbers of people are involved? Usually 1, rarely 2 or 3.					
What existing precautions are in place to reduce risks? No.		Score the risk with these precautions in place:					
		No.	L	X	S	=	RS
1	Permit to work area – only trained, experienced personnel aware of the environment. Early warning of fire by automatic fire detection, fire alarm & noise of stage fan. House -keeping in roof space and control room.	1	1	x	5	=	5
2	Permit to work area – only trained, experienced personnel aware of the environment. Personnel instructed not to work at height if feeling unwell. Time exposed to danger in roof is limited to only essential tasks. All technicians & duty managers are trained in First Aid at Work (FAW). Use of PPE (restraint harness) mandatory – this will assist in relocating or evacuating a casualty. Use of PPE (safety headwear) mandatory – to reduce the severity of head injury from striking obstructions.	2a	2	x	5	=	10
		2b	1	x	5	=	5
		2c	2	x	5	=	10
3	Good housekeeping practices implemented to remove or reduce slip & trip hazards.	3	2	x	3	=	6
4	Permit to work area – only trained, experienced personnel aware of the environment. Use of PPE (restraint harness & lanyard) mandatory Kick boards installed on catwalks When roof space occupied only authorized persons allowed in auditorium when roof space occupied and only then if necessary for operational reasons (e.g. raising & lowering lanterns or mirror ball)	4a	1	x	2	=	2
		4b	2	x	5	=	10
		4c	1	x	5	=	5
5	All lighting circuits are protected by residual current devices (RCD). Electrical equipment maintained regularly, inspected and tested in-house. Permit to work area – only trained, experienced personnel aware of the environment. All technicians & duty managers are trained in First Aid at Work (FAW).	5	0	x	5	=	0
6	Good housekeeping practices implemented. Use of PPE (safety headwear) mandatory – to reduce the severity of head injury from striking obstructions.	6	4	x	2	=	8
7	Permission to be sought from Technical Manager prior to commencement of work. Risk assessments & method statements for complex tasks to prepared & approved prior to commencement of work. Working at Height certification and appropriate harness, provided by the contractor, to be provided and used.	7	1	x	5	=	5

What additional actions are required to ensure precautions are implemented / effective or to reduce the risk further?		What is the remaining risk after additional actions completed?					
No.		No.	L	X	S	=	RS
1	Additional person present in the control room to raise alarm. Apply the lone worker procedure – protocol to be reviewed. Change detector heads to a type that reacts to smoke not haze. Provide breathing apparatus to improve survivability in a smoke filled environment. <i>Provide a secondary escape route out of the roof space avoiding the control room.</i>	1	1	x	5	=	5
		1	0	X	2	=	0
2	Additional person in control room with means of communication to call for assistance. Apply the lone worker procedure – protocol to be reviewed annually	2a	1	x	5	=	5
		2b	1	x	5	=	5
		2c	2	x	5	=	10
3	Identify & emphasize hazards (e.g. beams) that impede free & easy passage. Remove hazards unnecessary for structural, operational or safety reasons. Investigate cable management systems to minimize intrusion into gantry catwalks.	3	1	x	3	=	3
4	Improve the transition between catwalk and gantries – e.g. provide handrails Mandatory use of PPE (safety headwear) by authorized persons in the auditorium.	4b	1	x	3	=	3
		4c	1	x	2	=	2
6	Identify & emphasize hazards (e.g. beams) that impede free & easy passage. Remove hazards unnecessary for structural, operational or safety reasons. Investigate cable management systems to minimize intrusion into gantry catwalks. Use of PPE (safety headwear) mandatory. <i>Improve lighting in working and access areas.</i>	6	2	x	2	=	4
		6	1	x	2	=	2
7	Contractors to familiarize themselves with the content of this risk assessment and any procedures and protocols referred to therein.	7	1	x	5	=	5

Who will be responsible for implementing these actions:

Technical Manager

By When:

Score	Likelihood	Score	Severity	Total	Level of Risk	Action Required
0	Almost impossible	0	No injury	0-1	I=Insignificant	No action
1	Very Unlikely	1	First aid	2-6	L=Low	Review controls to remain effective
2	Unlikely < than 50/50 chance	2	< 3 days absence	If greater than 7, identify additional actions		
3	Likely > than 50/50 chance	3	> 3 days absence	8-16	M=Medium	Identify additional actions to reduce
4	Very Likely	4	Long term injury/ill health	20	H=High	Seek further advice
5	Virtually Certain	5	Death or disabling	25	C=Critical	STOP seek further advice

Completed by _____ **Signed:** _____

PRINT NAME: Angus Allan

Completed by _____ **Signed:** _____

PRINT NAME: Geoff Soltau

Manager Authentication _____ **Signed:** _____

PRINT NAME: Lee Rothwell

Completed by _____ **Signed:** _____

PRINT NAME: Scott Knowles