



Noise exposure level Risk Assessment – Arch6 INTO THE NEW 2014

Significant Hazard	Who Might Be Harmed?	Risk Factor (P x S)	How Is The Risk Controlled?	Further Action Necessary To Control The Risk	Residual Risk Factor	Completion Date
Permanent Loss of, or damage to hearing.	Performers	4x4	All 4 cast/band members are to be handed Hearing protection prior to the event starting. The band have all been advised of the noise levels, asked to use hearing protection, and viewed this document.	Remind Band members of the dangers prior to show going up. Check that hearing protection is in place before Going up.	1x4	15/01/13
	Technicians	4x4	Both technicians in the space will be wearing hearing protection at all times. This is due to the extended exposure times. Both technicians will be made aware of the risks and view this document.	Check Prior to show going up that hearing protection is in place.	1x4	15/01/13
	Audience	3x4	As exposure time for audience members will vary hugely, a sign will be prominently displayed at the venue entrance warning them of the levels of exposure. A stock of Hearing protection will be kept at the entrance, to be offered to audience members, who will be advised to wear them.	Check all signage is in place and that ear buds are present prior to opening the house.	1x4	15/01/13

Assessment compiled by: **Sam Cunningham**

Date of assessment: **06/01/2014**

Signature:

Position: **Head of Sound**



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NOISE EXPOSURE LEVELS

Exposure summary.

Average exposure level of 100 dbSPL throughout the performance.

Prior measurements from rehearsals suggest that peak levels will reach 117 dbSPL.

The NIOSH exposure limits state that the maximum continuous exposure times are as follows.

100 dbA – 15 minutes

117 dbA – 18 seconds.

From these measurements I can conclude that it is necessary for all parties to wear hearing Protection, which as stated above will be provided.

THE SIGNATRES BELOW ARE TO CONFIRM THAT ALL THOSE CONCERNED HAVE READ AND UNDERSTOOD THE CONTENTS OF THIS DOCUMENT.

BAND-

CREW-

Exposure Level (dBA)	Duration Time - t - (s)		
	Hours	Minutes	Seconds
100		15	
101		11	54
102		9	27
103		7	30
104		5	57
105		4	43
106		3	45
107		2	59
108		2	22
109		1	53
110		1	29
111		1	11
112			56
113			45
114			35
115			28
116			22
117			18
118			14
119			11
120			9