

Risk Assessment

Fly Floor Operations and Working with Hemp Sets

Venue	Buxton Opera House		
Department	Technical	Category	Technical
RA Reference	BUXOPTTECH0030	Review	12 months
Date of RA/review	21/07/2023	Next review	21/07/2024
Assessor/Reviewer	Jmorgan		

People at risk (estimated numbers of people at risk)

Employees	6-10	Contractors	6-10
Visitors	0	Members of the Public	0
Production staff	11-50	Others	0
Client employees	6-10	Students	0

Activity

Access to and working upon the fly floors at Buxton, including the operation of hemp flying systems.

Any other relevant information

Hazard	Risk	Control measures	Risk Rating			Actions	Revised RR		
			L	S	RR		L	S	RR
Collision between bar and persons on stage	Potential for head or other impact injury to persons on stage due to bars being flown in.	1: Bars are only to be flown in during fit up, get out or maintenance activities, which are to be strictly controlled. 2: Full and clear communication heads up on stage bar coming in or similar 3: PPE whenever there is work being undertaken above the stage is to be designated a mandatory hard hat zone	2	4	8				
Failure of equipment (Potential for breakage of hemp line, cleat or bar)	Potential for severe injury to fly-person or persons operating on stage due to contact with failed equipment either under strain or from height.	1: Hemp lines cleats and bars are regularly inspected for signs of wear or damage 2: Bars are signed with acceptable weight limits which are not to be exceeded	1	5	5				

Fatigue due to lifting and manipulating heavy bars for an extended period of time.	Potential for injury to the fly-person from working beyond their personal limits, or to persons in the vicinity caused through lack of concentration or control due to fatigue.	1: Staff rotation during fit ups or get outs, where extended operation of the flying systems are expected. 2: Only staff properly trained in the safe use of hemp flying systems are permitted to operate the hemp sets 3: Adequate staff numbers for the job	1	4	4			
Handling ropes	Potential for rope burns or rope splinters which may become infected.	1: Only staff properly trained in the safe use of hemp flying systems are permitted to operate the hemp sets 2: Correct PPE gloves to be worn when using hemp flying systems	1	3	3			
Improper or inappropriate rigging due to carelessness or untrained persons using the equipment.	Potential for severe injury to fly-person or persons operating on stage following a rigging failure due to improper or untrained use of equipment.	1: Only staff properly trained in the safe use of hemp flying systems are permitted to operate the hemp sets 2: Members of a production team who are unable to show suitable evidence for this training will not be permitted to use the flying system	1	5	5			
Manual Handling	Incorrect manual handling of loads can lead to musculoskeletal (or other) injuries which may have both short and long-term effects.	1: Only staff properly trained in the safe use of hemp flying systems are permitted to operate the hemp sets 2: Additional members of staff are to assist with a lift where this is beyond the safe capabilities of one person	2	4	8			
Working at Height	Potential for severe injury to worker of persons below due to falls from height or fall of items from height.	1: Fly floors are equipped with robust kickboards to prevent the accidental fall of items from floor level 2: Only trained members of staff are permitted to work in the fly floors 3: Where work is being undertaken that may result in items being dropped from height, the area below is to be restricted and made a hard hat zone for staff needing to enter this area. 4: Where there is a risk of tools or equipment falling from height these must be secured by lanyards or similar	1	5	5			