

Risk Assessment

Rigging and Focusing Lighting			
Venue	Buxton Opera House		
Department	Technical	Category	Technical
RA Reference	BUXOPTTECH0051	Review	12 months
Date of RA/review	12/07/2023	Next review	12/07/2024
Assessor/Reviewer	Jmorgan		

People at risk (estimated numbers of people at risk)			
Employees	6-10	Contractors	0
Visitors	0	Members of the Public	250-499
Production staff	6-10	Others	0
Client employees	6-10	Students	0

Activity
Rigging and focusing lighting over the stage and auditorium at Buxton Opera house

Any other relevant information

Hazard	Risk	Control measures	Risk Rating			Actions	Revised RR		
			L	S	RR		L	S	RR
Manual Handling of Equipment	Incorrect manual handling of loads can lead to musculoskeletal (or other) injuries which may have both short and long-term effects.	1: Ensure all personnel undertaking rigging activities are trained in the specific equipment and procedures required 2: All staff are trained in Manual Handling Area and task specific Risk Assessment for high risk and specialised tasks.	2	3	6				
Manual Handling of Equipment - sharp or rough-cut edges of set pieces or equipment	Potential for laceration or abrasion injuries to personnel handling such items.	1: Where possible, all rough cut or sharp edges of wood or metalwork should be removed or smoothed prior to arrival at the venue. 2: Where the above is not possible, these edges to be sheathed or otherwise protected using foam or bubble wrap.	2	3	6				

		3: All personnel involved in movement of equipment and set to wear correct PPE, to include suitable abrasion and cut resistant gloves.						
Structural integrity of rigging fitting and hardware	Failure of fittings and hardware with a high potential for injury or fatality for those below.	<p>1: Fittings gantries brackets etc and hardware are to be purpose designed and built and installed by competent personnel</p> <p>2: Lifting accessories are required by LOLER to display a clear safe working load</p> <p>3: All rigging fittings and hardware to be load tested in a safe environment immediately post installation.</p> <p>4: Whilst this is undertaken, the area below the fitting is to be cordoned off, and the surrounding area designated a hard hat zone.</p> <p>5: All equipment secured to rigging points is to incorporate a secondary safety failsafe to guard against the unlikely event of primary mounting failure</p>	2	5	10			
Work at Height - falls from height	Falls of tools or equipment leading to injury, severe injury or fatality of those working below.	<p>1: This work must be undertaken by operatives trained in aerial rigging, and familiarised with the relevant harness based fall arrest, work restraint or work positioning systems as appropriate.</p> <p>2: The area immediately below Work at Height should be cordoned off where possible. If this is not possible, all workers in the immediate area should be made aware of the work being undertaken, and the area designated a hard hat zone until the work has been completed.</p>	2	4	8			
Work at Height - Falls of items from height	Falls of tools or equipment leading to injury, severe injury or fatality of those working below.	1: The area immediately below Work at Height should be cordoned off where possible. If this is not possible, all workers in the immediate area should be made aware of the work being undertaken, and the area designated a hard hat zone until the work has been	2	4	8			

completed.

2: When working at height all necessary tools must be secured using a lanyard to prevent the item being accidentally dropped

3: All operatives working at stage level are to be notified of any work being undertaken in the grid or anywhere above the stage area

4: All equipment secured to rigging points is to incorporate a secondary safety failsafe to guard against the unlikely event of primary mounting failure

5: Access to the Stage Area is to be restricted to authorised persons only during Fit up and Get out.