

**Risk Assessment**

Changing of Discharge lamps									
<b>Venue</b>		Buxton Opera House							
<b>Department</b>		Technical			<b>Category</b>			Technical	
<b>RA Reference</b>		BUXOPTTECH0028			<b>Review</b>			12 months	
<b>Date of RA/review</b>		21/07/2023			<b>Next review</b>			21/07/2024	
<b>Assessor/Reviewer</b>		Jmorgan							
<b>People at risk (estimated numbers of people at risk)</b>									
<b>Employees</b>		6-10			<b>Contractors</b>			0	
<b>Visitors</b>		0			<b>Members of the Public</b>			0	
<b>Production staff</b>		0			<b>Others</b>			0	
<b>Client employees</b>		0			<b>Students</b>			0	
<b>Activity</b>									
Changing of the discharge lamp within the Buxton Cinema Projector.									
<b>Any other relevant information</b>									
Hazard	Risk	Control measures	Risk Rating			Actions	Revised RR		
			L	S	RR		L	S	RR
Broken lamp releasing vapour	Lamp shattering when changing and realises mercury vapour causing respiratory illness or flu like symptoms	1: PPE gloves and eye protection 2: PPE respirator where required 3: Safe systems of work 4: Only trained staff are permitted to undertake this task	1	5	5				
Broken lamp - glass	Lamp shattering when changing	1: PPE gloves and eye protection 2: Safe systems of work	2	4	8				
Disposal of Discharge lamp	Environmental release, Lamp shattering when changing and releases mercury vapour	1: PPE gloves and eye protection 2: PPE respirator where required 3: Safe systems of work 4: Only trained staff are permitted to	1	4	4				

		undertake this 5: Storage for lamps to be collected by contracted disposal company						
Electrical shock- High Voltage (3000V)	Electric shock from live fitting As circuit may not be broken	1: Safe systems of work projector to be unpowered and isolated prior to beginning work 2: Trained staff only permitted to undertake this task 3: Maintenance records kept of projector and electrical performance 4: PPE electrical safety gloves	1	5	5			
Hand tools to open up light fittings	Using wrong hand tool, or damaged ones can result in injury to personnel, or damage to equipment.	1: Safe systems of work 2: User checks 3: Staff training	1	3	3			
Slips, trips and falls	Potential for musculoskeletal or impact injury, or secondary injury or effects due to broken glass or vapour release.	1: Regular housekeeping of area to minimise the risk of slips trips and falls 2: Person transporting bulbs is to inspect the area immediately prior to starting for any potential trip hazards	1	3	3			