

Risk Assessment

Working with Electricity, and Electrical Equipment (General)

| | | | |
|--------------------------|--------------------|--------------------|------------|
| Venue | Buxton Opera House | | |
| Department | GENERAL | Category | General |
| RA Reference | BUXOPGEN0045 | Review | 12 months |
| Date of RA/review | 30/06/2023 | Next review | 30/06/2024 |
| 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 | 6-10 | Others | 0 |
| Client employees | 0 | Students | 0 |

Activity

Use of electrical equipment, including portable electrical equipment at Buxton Opera House, and working on or around electrical systems.

Any other relevant information

This is a General Risk Assessment, intended to cover day to day use of electricity and electrical equipment within the venue. Some specific tasks and activities have electrical hazards covered in their own, specific Risk Assessments.

| Hazard | Risk | Control measures | Risk Rating | | | Actions | Revised RR | | |
|--|---|--|-------------|---|----|---------|------------|---|----|
| | | | L | S | RR | | L | S | RR |
| Unauthorised or untrained work on electrical systems | Risk of potentially severe electrical shock, which can result in burns, long lasting injury or fatality. | 1: Only trained competent and fully certified electricians are to undertake work on electrical systems 2: External contractors are vetted to ensure they are competent to undertake any electrical work prior to commencement | 1 | 5 | 5 | | | | |
| Use of hardwired electrical installations | Potential for severe injury or fatality due to poorly maintained or improperly wired electrical installations | 1: 3 yearly EICR electrical installation condition report inspection undertaken in line with BS 7671 2: Only trained competent and fully certified electricians are to undertake work on electrical systems | 1 | 5 | 5 | | | | |

| | | | | | | | | | |
|---|--|---|---|---|---|--|--|--|--|
| Use of portable electrical equipment | Potential for electric shock or secondary harm from equipment failure, or through the use of damaged equipment | <p>1: All portable electrical equipment is PAT tested on an annual basis or more regularly if deemed appropriate</p> <p>2: All new equipment is purchased through a reliable and established supplier</p> <p>3: Staff are trained in the use of specific pieces of equipment where this is required</p> <p>4: Any damaged equipment is to be removed from use and reported so that it may be repaired or replaced</p> <p>5: Equipment is inspected visually prior to use signs of undue wear or damage to the equipment or any cables plugs</p> | 2 | 4 | 8 | | | | |
| Working on electrical components or equipment throughout the premises | Risk of potentially severe electrical shock, which can result in burns, long lasting injury or fatality. | <p>1: Only trained competent and fully certified electricians are to undertake work on electrical systems</p> <p>2: Live working is not permitted; all circuits must be suitably isolated, with measures in place to ensure that they cannot be accidentally re energised whilst work in being undertaken.</p> <p>3: Where necessary a barrier is to be erected around the work being undertaken with appropriate signage warning of the hazards</p> | 1 | 5 | 5 | | | | |