



Risk Assessment Record

Area: General Building Site Installations
Location: Generic Assessment
Reference: Sound & Lighting Installations
Assessment completed by: Stephen Roskilly
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Activities

SOUND – (Mains supplies to consumer unit or wall outlets by site electrician).

Installation of loudspeaker rigging equipment, amplifier and processing racks, multipair cabling, loudspeaker cabling, loudspeakers, microphones and wireless systems, mixing consoles, wheeled racks etc.,

LIGHTING – (Mains supplies to consumer unit or wall outlets by site electrician).

Installation of rigging points for trusses, internally wired bars, individual lanterns, hazers, mirrorballs, starcloths, drapes, dimmer racks, cordpatch units, dmx cabling and patch systems, socapex distribution systems, data cabling, lanterns, battens, moving heads, control equipment and consoles.

This assessment covers the physical hazards of installing such equipment at building works.

| Severity | Likelihood | Risk Class |
|------------------|------------|------------|
| Equipment Damage | Unlikely | Low |
| No injury | Remote | Moderate |
| Trivial injury | Possible | Minor |
| Minor injury | Probable | Acceptable |
| Major injury | Likely | |
| Fatal injury | | |

Hazards

| Item | Hazard | Severity | Likelihood | Risk Class |
|----------|---|------------------|------------|------------|
| 1 | Striking head on scaffolding, beams, ceiling mounted fittings | Minor injury | Probable | Acceptable |
| 2 | Treading on sharp objects underfoot | Minor injury | Probable | Acceptable |
| 3 | Dropping equipment from height to floor | Equipment damage | Unlikely | Low |
| 4 | Dropping equipment onto personnel | Trivial injury | Possible | Minor |
| 5 | Use of electrical tools | Fatal injury | Remote | Moderate |
| 6 | Eye damage due to drilling shards | Minor injury | Probable | Acceptable |
| 7 | Falls from scaffolding | Fatal injury | Remote | Moderate |
| 8 | Lifting heavy equipment | Minor injury | Probable | Acceptable |

Persons at Risk

Employees: Yes
Other Contractors: Yes
Public: No
Client and Officials: Yes

Current Controls/ Procedures

| Item | Control/ Procedures | Monitored & assessed by | Adequate Control |
|------|---|-------------------------------|------------------|
| 1 | All operatives issued with hard hats - blue | Crew manager, site manager | Yes |
| 2 | Area of work to be cleared prior to activities. Use of protective footwear. | Operative, crew manager | Yes |
| 3 | Proper use of lifting tackle, employing safety strops, using sufficient personnel for lifting tasks. | Crew Manager | Yes |
| 4 | Proper use of lifting tackle, employing safety strops, using sufficient personnel for lifting tasks. Use of Hard hats, Use of protective footwear. | Crew Manager, Site Manager | Yes |
| 5 | Avoidance of 240V equipment. Use of 110 volt equipment. Ensuring cables are free of potential hazards. Checking integrity of cables each day. Use of PAT equipment. | Crew Manager, Site Manager | Yes |
| 6 | Operatives issued with protective goggles | Crew Manager, Site Manager | Yes |
| 7 | Scaffolding checked by competent person. Use of hand rails. Ensuring scaffolding is properly beneath activity. | Crew Manager | Yes |
| 8 | Proper use of lifting tackle, employing safety strops, using sufficient personnel for lifting tasks. Use of Hard hats, Use of protective footwear. Training of personnel how to lift heavy loads. | Crew Manager, CSS Supervisor. | Yes |

Additional Action Plan Required

No