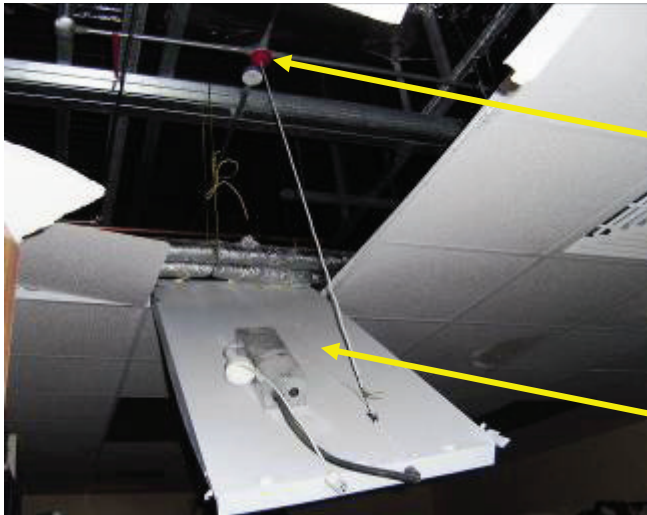


March 2009: Electrical Shock to individual whilst carrying out routine maintenance work on lighting systems.



Back-up Battery Pack

Photographs showing the lighting set up with the klik unit and the battery pack on the back of the light fitting

The Incident

During routine maintenance operations on a building lighting systems a contract electrician suffered an electric shock when he unplugged a switched live Klik unit and his hand came into contact with live terminals on the unit.

The individual was working from a step ladder at the time, which was being footed by a colleague who prevented the IP from falling to the ground and sustaining further injury. The IP reported back to work but was sent home by his supervisor for the rest of the day. The IP received electrical burns to his left hand & cuts to his right hand when trying to prevent himself falling off the ladder.

The Findings

Local Tests were carried out to find what caused this incident and initial indications are that A fault on the inverter could have caused a possible back feed from the emergency feed (permanent live) through the light fitting and through in to the klik unit.

Other similar systems were inspected / checked and found to be working correctly Further tests are to be carried out on the failed unit by an independent company.

Recommendations

When working on lighting circuits on site, isolate the MCB feeding the circuit then prove the light fitting to be worked on is dead, only then remove the klix unit/units, work can then be carried out on a dead fitting.

Further details will be made available following completion of a full investigation.