

18. Electrical Isolation Procedure & Re-Energising Procedure

Method of works – Safe Isolation

Specialist procedure to be carried out by qualified and competent electrician.

- Assess pre-works information from client. Including Asbestos information and report
- Obtain permission to start works.
- Select an Approved voltage indicator or test lamp and prove it is working correctly on a known supply or a proving unit.
- Identify the source(s) of supply
- Isolate the source(s) of supply
- Secure the isolation with lock-off devices, ensuring that other operatives or clients cannot re-energize
- Prove the supply(s) have been isolated using an approved voltage indicator or test lamp.
- If supply(s) has been isolated, use a proving device to ensure voltage indicator or test lamp is working correctly
- If voltage indicator or lamp is working correctly put up warning notices. If not, repeat procedure until isolated
- System now isolated and work can begin.

Method of works – Re-Energising Procedure

- After completing the work, inspect and test in accordance with Part 6 BS7671 (dead tests)
- Remove lock off devices, locks and labels, restore electrical supply
- Complete testing (live tests). Commission circuit equipment
- Complete and issue appropriate test certificates / reports

Risk Assessment

Hazard	Control Measures
Falls from height	See Working At Height
Slips Trips and Falls	The site will remain tidy at all practicable times. All designated access/egress routes shall be kept free of slip and trip hazards, and obstructions. All equipment is switched off and/or isolated when unattended. All material that could potentially cause injury is either secured behind barriers or removed from site. The need for good housekeeping is to be explained in the site induction.
Electricity	All works carried out by competent and qualified electrician. Serviceable tools will be used at all times and proving checks will be completed to ensure this. Signage must be used to show if power is live or isolated and all personnel will be inducted
Manual Handling	Correct lifting techniques are to be used at all times when moving equipment, materials or any heavy loads. Paying particular attention when lifting (stable stance, good grip, keep load close to your waist and do not flex your back).
Hygiene	Good personal hygiene is a necessity washing of hands prior to any breaks (food – ingestion).
Asbestos	All operatives are to be Asbestos awareness trained. Asbestos surveys are to be sourced and referred to before any works commence. Tradesmen are to remain vigilant at all times when onsite and if any additional suspect materials are identified, site manager is to be informed immediately

PPE



If there are works being undertaken above you please also wear a Hard hat.