

Site Electrics – Points to consider

- Competent Persons – SAPS, APS, Competent persons
- Permits to Work – Once site has initiated energisation
- Permits to Enter
- Vetting of Method Statement by qualified persons (electrical experience)
- IP2x – Can't get shock by sticking finger in panel
- Live Working – Only as last resort, permit to work, RA
- Lock Off's, Isolations – Lock off procedure and control should be described and noted
- Inadvertent operation of plant
- Testing of supply, control services, continuity
- Commissioning Plan
- Pre Commissioning Checklist
- Signage, Barriers, Warnings, Restricted Areas
- Work at Height, Pit Protection
- House Keeping – Water Ingress
- General H&S, often not seen
- Existing Site/MCC Panels
- Clear Labelling – Levers/buttons correctly labelled
- Isolation of Plant around areas of work

Basic Rules:

- No Live Working
- Restricted Access
- Safe System of Work (SSOW)
- Lock Off's

Site Electrics – Points during Inspection

- 1. Induction:** (contents)
 - General, Permit to dig, overheads
 - Information about Restricted Access
 - Not authorised to work on electrics then don't
- 2. Competent:** (proof of training & experience)
 - Senior Authorised Person (SAP)* - SJIB card + Letter of Authorisation from company
 - Authorised Person (AP)* - SJIB card + Letter of Authorisation from SAP
 - Worker e.g. Electrician* - SJIB or JIB card
- 3. Method Statement:** (MS details the following information)
 - Reference to permit
 - MS authorised by AP
 - MS specific to site
 - Emergency arrangements
 - Isolation process – specific to site
- 4. Risk Assessment:** (RA details the following risk)
 - Electrical risks
 - Working at height (if applicable)
 - Inadvertent operation of plant
 - Cuts
 - Workplace hazards, Confined Space/DSEAR etc
 - Unauthorised access
 - Pits
- 5. Briefing:**
 - Proof of briefing on Risk Assessment / Method Statement must be seen
- 6. Equipment & Material:**
 - Is Equipment and Material suitable for task
- 7. Risks from Equipment & Material:**
 - If using tools, is the risk/hazard of the tool detailed on RA
 - If using materials, such as galvafoird is there a COSHH assessment
- 8. Equipment Inspected/Examined:**
 - Work at height / Access equipment
 - Testing of tools or equipment / Volt Meter (calibration status)
 - FAT / SAT (Factory Acceptance Test) (Site Acceptance Test)
- 9. Personal Protective Equipment (PPE):**
 - Standard PPE and PPE appropriate for hazard (Gloves, Goggles, Ear Defender 's etc)
- 10. Worker describes risks Risks/Hazards:**
 - Ask worker to tell you about the risks/hazards on site associated with the activity (Points from MS/RA)
- 11. Worker describes Control Measures:**
 - Ask worker to tell you the control measures on site associated with the activity (Points from MS/RA)
- 12. Activity carried out Safely:** (SWS General Observations/Personal Comments)
 - Activity being carried out safely
 - PPE
 - Housekeeping
 - Working method

