

Title: SERIOUS INJURY AND FATALITIES - SIF HAZARD – WORKING WITH ELECTRICITY  
 Reviewed: 06/23  
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 Form: S2288

## CRITICAL CONTROL VERIFICATION

### SERIOUS INJURY AND FATALITIES - SIF HAZARD – WORKING WITH ELECTRICITY

DATE:		VERIFIER:		SITE:	
TIME:		TASK:		LOCATION:	

PERMIT TO WORK AND SWITCHING (INCLUDING HV)	YES	NO	N/A
Is a <b>Permit to Work</b> issued for electrical isolations?			
Have electrical isolation points been <b>tested to prove de-energisation prior to the PTW being issued</b> ?			
Are <b>High Voltage Switching Sheets</b> completed for all HV access works?			
For HV switching, is there evidence of an <b>Operational Risk Assessment (ORA) &amp; appropriate approvals</b> ?			
Has the <b>switching sheet process been followed</b> to isolate the apparatus? (e.g. switching sheet writer, checker and approver, sequence)			
Has the circuit been <b>adequately earthed</b> on equipment? (e.g. switchboards)			
If <b>live work</b> is being performed has a <b>JSEA been completed</b> and is <b>S1885 Live Electrical Work Checklist approved</b> by a Manager or Delegate?			
Have electrical workers completed a <b>test to prove de-energised</b> on equipment to be worked on?			
Is a <b>verified and tested instrument used</b> to test and prove de-energised?			
Is an <b>electrical safety observer</b> in place, at a <b>safe distance</b> and functioning <b>rescue LV switchgear</b> kit available?			

FIT FOR PURPOSE ELECTRICAL EQUIPMENT / ACCESS	YES	NO	N/A
Are switchroom / switchboard <b>doors closed, secured and signed</b> ?			
Are transformer yard gates / AVR doors etc. <b>closed and locked/secured and signed</b> ?			
Are portable electrical equipment fitted to circuits with <b>residual current device (RCD)</b> protection?			
Are RCD's <b>routinely tested</b> ?			
Are temporary <b>electrical leads protected</b> from mechanical damage (e.g. sharp edges) and <b>off the ground</b> ?			
Is <b>electrical equipment</b> stored and used away from <b>wet areas</b> ?			
Is <b>intrinsically safe electrical equipment</b> being used in designated <b>hazardous area zones</b> ?			
Following <b>completion of work</b> has all necessary testing been completed and recorded on <b>S1975 Electrical Certificate of Testing and Compliance</b> ?			

PPE	YES	NO	N/A
Is <b>arc flash flame retardant clothing</b> being used to a relevant standard specified by the arc flash rating on the switchboard?			
Are <b>insulating gloves</b> used for all testing when proving de-energised?			

OVERHEAD POWERLINES	YES	NO	N/A
Are <b>spotters or safety observers</b> used when cranes / mobile equipment are lifting around transformer bays or under powerlines? (e.g. 275kv lines)			
Is a <b>suitable distance maintained</b> away from high voltage powerlines? (E.g. 6m from 275kv lines)			

DIGGING, EXCAVATION AND PENETRATION	YES	NO	N/A
Are <b>potential electrical services identified</b> for digging, excavating and/or building penetration activities?			
Has an <b>authorised electrical person approved</b> digging, excavation and penetration works if electrical services were identified?			
Are all digging, excavation and penetration potential <b>electrical services in the immediate vicinity isolated</b> ?			

TRAINING, COMPETENCE AND AUTHORISATION	YES	NO	N/A
Do electricians undergo <b>LV Rescue and CPR training</b> ?			
Electricians have a <b>current electrical license</b> ?			

COMMENTS