

Task Risk Control Sheet

Working on low voltage electrical equipment

RCS No: NR/L3/MTC/RCS0216/DP10
Issue: 3

Key Risks !

- Electric shock
- Burns
- Working at height

Personnel Involved

E&P	✓
S&T	✓
Track	✓
Off Track	
Property	✓

ELLIPSE Std.
Job Nos.

Tools / Equipment Test equipment

Plant None

Key Risks	Controls	Implemented By
SECTION A – ALL TASKS		
Test equipment	• Test equipment shall be constructed and maintained to HSE Guidance Note GS 38.	Line Manager
First aid requirements	• All staff shall be Emergency First Aid trained	Line Manager
Working on or near the line	• See Risk Control Sheet NR/L3/MTC/RCS0216/GA01 – Work on or Near the Line	COSS / Team Leader
Work in public areas	• See Risk Control Sheet NR/L3/MTC/RCS0216/GA04 –Work in or Near Public Places	All Staff
Slips, trips and falls	• See Risk Control Sheet NR/L3/MTC/RCS0216/GH02 - Underfoot Conditions	All Staff
Biological Hazards	• See Risk Control Sheet NR/L3/MTC/RCS0216/GH03 - Biological Hazard and Chemical Hazard	All Staff
Working at height	• See Risk Control Sheet NR/L3/MTC/RCS0216/GH04 – Working at Height	All Staff
Working over water	• See Risk Control Sheet NR/L3/MTC/RCS0216/GA10 – Working Over or near Water	All Staff
Contact with PCBs	• Establish PCB population	Line Manager
	• Brief staff on dangers and disposal	Team Leader
	• Dispose of PCB material appropriately • Wash hands prior to Eating/Smoking	All Staff
Handling oils - dermatitis	• Comply with COSHH regulations by implementing data sheet requirements	Team Leader
	• Use barrier creams and / or gloves	All Staff
Batteries	• See Risk Control Sheet NR/L3/MTC/RCS0216/GA12 – Working on or Near Batteries	All Staff
Manual Handling	• See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling	All Staff

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Key Risks	Controls	Implemented By
SECTION B – ISOLATED WORKING		
Contact with electricity	<ul style="list-style-type: none"> Isolate the equipment before starting work unless testing is being done. Lock and caution points of isolation, taking alternative sources of supply into account <u>Attach danger notices to adjacent live equipment during the work.</u> Test equipment before starting work to establish dead equipment. Appropriately label equipment to avoid confusion. 	Team Leader All Staff
2 or more sources of supply	<ul style="list-style-type: none"> Check that isolation of all sources of supply has taken place before starting work 	All Staff
SECTION C – LIVE WORKING		
Contact with electricity	<ul style="list-style-type: none"> Only competent people shall work on live equipment Person carrying out the work shall be accompanied by a person who is in a safe position and who can render emergency first aid Where possible insulate any adjacent live conductors and metalwork Only carry out work in dry conditions. Exclude other people from area where work is carried out. Provide sufficient space around equipment. Where possible staff shall be a minimum of 3 feet (915mm) from live conductor. Person carrying out work shall wear insulating gloves. Person working shall use properly insulated tools. 	Team Leader All Staff
2 or more sources of supply	<ul style="list-style-type: none"> Give consideration to all sources of supply if live working is necessary. 	All Staff
SECTION D – POINTS HEATING		
Heat from elements	<ul style="list-style-type: none"> Provide non contact temperature monitoring equipment to remove the need to monitor heat by touch. 	All staff
Entrapment	<ul style="list-style-type: none"> When working on or close to points/S&C, where body parts could become entrapped, contact the signaller to obtain manual control of the points or confirm that the points will be maintained in the appropriate/agreed position, with a reminder appliance applied, for the duration of the work Scotch the points before starting work if you are going to work on the points or machinery All body parts, clothing and equipment shall be kept clear of moving parts Advise the signaller when work is complete and that the points can be returned to normal working, with the reminder appliance removed, confirming removal of the scotch as appropriate 	Team Leader / All staff
Using freezer spray	<ul style="list-style-type: none"> Do not continuously spray for more than 10 seconds. Use approved sprays Make COSHH assessments available 	All staff Line Manager