

# Risk Assessment

## RA017 - Installation of Temporary Electrical Supplies



ABI Equipment Ltd	Creation Date: 28/09/2012
Installation of Temporary Electrical Supplies	

Main Hazards are:	
Electrocution – high voltage	Damage to equipment
Fire and Explosion	
Persons / Property affected	
All Employees	General Public
Visitors	Other workers in the area

Assessment of Risk:	Severity	4	X	Likelihood	3	= Risk	12
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Control Measures already in Place	PPE Required
1. All work with HV switchgear to be done under permit conditions (Section 17 of MALA Safety File – Electrical Works permit). This will require signing off prior to switching on and will need to be re-issued every time work is carried out.	Safety helmets <input checked="" type="checkbox"/> Hi-Vis Jackets <input checked="" type="checkbox"/> Safety footwear <input checked="" type="checkbox"/> Eye protection <input checked="" type="checkbox"/> Dust masks <input type="checkbox"/> Ear plugs <input type="checkbox"/> Earmuffs <input type="checkbox"/> Gloves <input checked="" type="checkbox"/> Protective overalls <input type="checkbox"/> Gauntlets <input type="checkbox"/> Harnesses <input type="checkbox"/> Breathing apparatus <input type="checkbox"/> Face masks <input type="checkbox"/>
2. All operatives are to be competent for working with HV equipment and must be warned of the task specific risks prior to commencing the work.	
3. All works to involve authorised and competent persons, with documentary evidence available of training as required. Supervisor to identify any specialist training as required. Service Suppliers to have documentary evidence of training.	
4. Confirm entry / exit details with Site Manager. Maintain unobstructed, safe access and egress for emergency vehicles when legitimate entry is required through the work zone.	
5. Visually inspect all tools/equipment for soundness before each use and re-affirm hand tools are responsibility of operatives. Account for all tools before leaving work area.	
6. Monitor work area for hazards introduced by client as task progresses. Remove waste materials generated and report any housekeeping problems around the immediate area.	

Assessment of Risk:	Severity	3	X	Likelihood	2	= Risk	6
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Additional Controls required	PPE/Equipment
All personnel involved in the work should be trained to perform their duties with due regard to the health and safety of themselves and anyone else who could be affected.	All personnel MUST wear the appropriate level of PPE for the activity they are involved with or area they are in.
Ensure all operatives are aware of the site emergency procedures and emergency contact details before work commences.	
The employee must be adequately trained and competent to install temporary electrical supplies.	
Newly trained staff should be supervised until a suitable level of competency has been achieved.	

Assessment of Risk:	Severity	3	X	Likelihood	2	= Risk	6
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Approval and Review		
Prepared by:	Cathy Sheehan	28/09/2012
Updated by	Ash Soliman	24/09/2024
Review by:	Ash Soliman	24/09/2024

RISK RATING = L x S			Hazard Severity (S)				
			1	2	3	4	5
			Negligible	Slight	Moderate	High	Very High
Likelihood (L)	1	Very Unlikely	LOW	LOW	LOW	LOW	LOW
	2	Unlikely	LOW	LOW	LOW	MEDIUM	MEDIUM
	3	Possible	LOW	LOW	MEDIUM	HIGH	HIGH
	4	Likely	LOW	MEDIUM	HIGH	HIGH	HIGH
	5	Very Likely	LOW	MEDIUM	HIGH	HIGH	HIGH

Likelihood	
1. Very Unlikely	A freak combination of factors would be required for an accident/incident to occur
2. Unlikely	A rare combination of factors would be required for an accident/incident to occur
3. Possible	Could happen when accidental factors are present but otherwise unlikely
4. Likely	Not certain to happen but an additional factor may result in an accident/incident
5. Very Likely	Almost inevitable that an accident/incident would occur
Hazard Severity	
1. Negligible	Negligible injury, no absence from work
2. Slight	Minor injury requiring first aid
3. Moderate	Injury leading to a lost time accident
4. High	Involving a single person with a serious injury / death
5. Very High	Multiple persons with serious injury / death
Outcomes	
LOW	Score (1-6) May be acceptable. Annual Review to see if risks can be reduced further
MEDIUM	Score (8-10) Identify controls must be identified or specific method statement required
HIGH	Score (12-25) Task <b>must not</b> proceed. Senior Management to consider if the risks can be reduced by purchase of additional training, additional equipment, additional staff, additional signage, safe system of work, permit to work or radical changes in method.

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