

Risk Assessment

Operation: Electrical Installation Risk Assessment

Assessor:

Date:

Hazard Identified	People exposed	Action / controls to reduce risk	PPE	Hazard severity	Chance	Risk	Training	Assessment
				H	H	H		
				M	M	M		
				L	L	L		
Use of Portable power tools Electrical shock	Operative primarily, people working in the vicinity, public.	110v power or battery operated tools to be used		L	L	L	Training in kinetic handling, only trained operatives to use machinery. COSHH information to be provided	To be reviewed from site to site or where work scope changes
Manual Handling		Materials to be moved by mechanical means whenever possible to work area, heavy items to be carried by operatives working in pairs	Safety boots to be worn at all times, helmets to be worn as per site rules, suitable gloves to be worn for hot work.	L	M	L		
Hot Work/Fire		Fire extinguisher to be available when carrying out hot work. Fire blankets to be made available where necessary.		L	L	L		
Slips, trips and falls Access		Equipment to be set up in a clear area away from access routes and fitted with the required guards etc.		M	M	L		
Cuts and abrasions to hands, Eyes, Feet		Trained personnel – use of PPE	Safety boots to be worn at all times, safety helmets and hi visibility clothing to be worn as per	L	M	M		
Electric shock Hazards		regulation 14						

Notes:

- Risk = Residual risk after proposed control implemented
- Additional controls should include target date and who is responsible for implementation
- All Regulations are taken to be the latest published edition

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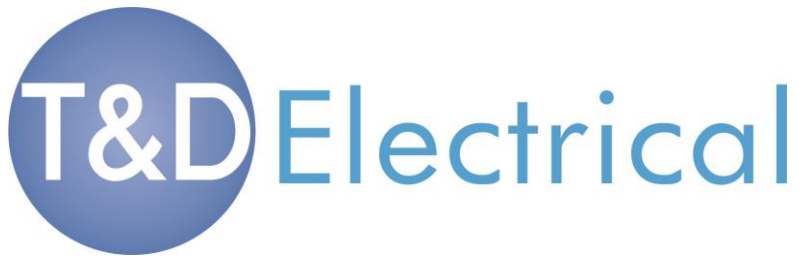
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Falls from height	Operative primarily, people working in the vicinity, public.	Every place of work from which a person is liable to fall must have a means to prevent falls. Before starting all height work, a visual inspection must be carried out to ensure the proper equipment is used for the work at height task. E.g. Scaffold; Alloy Tower: Mobile Elevated Work Platform. There must be systematic planning and a Detailed Method Statement.	site rules, suitable gloves to be worn for hot work. Safety harness to be used at discretion of operative / supervisor	M	M	M	ECO4002-101	To be reviewed from site to site or where work scope changes
Slips, Trips and Falls on the level		Ensure good Housekeeping, Check Access / Egress Routes are clear and check cable / hose routes to prevent trip hazards.		H	L	M	ECO4002-102	
Falling objects / Protruding Objects		Protect those below Height work.		L	L	L		

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				M	M	M		
				L	L	L		
Manual handling		All operatives will have received training in manual handling techniques Suitable scaffolding and/or working platforms to be used where necessary. Only competent persons to erect.		L	L	L		
Electricity		Visually Inspect the area for Overhead Power Lines and Electric Supply Cables. Ensure Isolated if Height Work is in direct vicinity.		L	L	L		

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Access / Egress		<p>Safe access / egress must be gained using a company ladder of the correct length and strength bearing the current test date. If the tower or scaffold is generally accessible, a 2 metre high security fence must be erected around its base. * Ladder work is limited to 15minutes or 2 Linear metres</p> <p>General. Ensure a detailed Method</p> <p>Statement is provided for all Height work operations. Secure the work area, Protect Public Persons. Record 7 Day Inspection results in Scaffold</p>		L	L	L		
				L	L	L		

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