



## RISK ASSESSMENT

### (Decommissioning And Removal of Electrical Installation)

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Department  
QHSE

Document Ref. No.  
XXXXXXXXXXXX

Issue Date  
00-00-0000

Revision  
00

Company Name:		Prepared by	HSE Officer
Functional Area /Activity:	Decommissioning And Removal of Electrical Installation	Approved by	Project Engineer

S/N	Hazardous	Control Measures	Risk Level			Additional Control Measures	Residual Risk			Action By
			L	C	RR		L	C	RR	
1	Contact with the live electrical conductor	<ol style="list-style-type: none"><li>Where practical, the electrician is to be the sole key holder to the room of decommissioning. All decommissioning and removal of electrical installation work are to be accomplished within an exclusion zone.</li><li>The work area is to be signed as live until decommissioned.</li><li>To reduce the risk of accidental/unauthorized liveing of the circuit, cables are to be removed</li><li>Only trained [COMPANY] Electrical Engineers are to work on the decommissioning of the installation.</li><li>Work on access routes to be restricted to others and subject to permit to work/entry system.</li></ol>	3	3	9	Mgt to monitor exclusion zone and permit to work/entry system is maintained throughout the work.	1	3	3	MEP Engineer/ Site Supervisor/Approved Competent Person
2	Accidental or unauthorized liveing of the circuit	<ol style="list-style-type: none"><li>Make sure that all Circuit Boards (CB) within the panel are to be isolated at the Main Distribution Board (MDB) isolators and locked off with a pin and padlock appropriately.</li><li>Removal work is only to proceed or start with everything dead and fully isolated.</li></ol>	3	3	9	The project or site engineer/ supervisor to monitor the locking-off system.	1	3	3	MEP Engineer/ Site Supervisor/Approved Competent Person



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3	Contact with services	1. Building plans and scans are to be used to identify live services. 2. Isolate the services to the decommissioning area before work commences. 3. Carefully locate any live services and identify them at the earliest convenience (only if unable to isolate).	3	3	9	[Company]Management to ensure suitable service drawings and scanning devices are available.	1	3	3	MEP Engineer/ Site Supervisor/Approved Competent Person
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Risk Rating Matrix						
Likelihood		Consequences				
		Rare (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
5	Almost Certain	5	10	15	20	25
4	Likely	4	8	12	16	20
3	Possible	3	6	9	12	15
2	Unlikely	2	4	6	8	10
1	Rare	1	2	3	4	5

Low Risk 1-3 Acceptable	Medium Risk 4-12 Tolerable	High Risk 15-25 Not Acceptable
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Risk Likelihood Description		
Rating	Description	Likelihood of Occurrence
1	Rare	Highly unlikely, but it may occur in exceptional circumstances. It could happen, but probably never will.
2	Unlikely	Not expected, but there is a slight possibility it may occur at some time.
3	Possible	The event might occur at some time as there is a history of frequent occurrence at the site/project/or similar institutions.
4	Likely	There is a strong possibility the event will occur as there is a history of frequent occurrence at the site/project/or similar institutions.
5	Almost Certain	Very Likely. The event is expected to occur in most circumstances as there is a history of regular occurrence at the site/project/or similar institutions.

QHSE ENGINEER	PROJECT ENGINEER/MANAGER		
Date:		Date:	



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