

	Risk Assessment			Page 1 of 3
	Department QHSE	Document Ref. No. HSE-DOC-RA-00	Issue Date	Revision 00

Company Name	XYZ	Prepared by	
Functional Area	Decommissioning And Removal Of Electrical Installation	Approved by	

SR	Hazard	Who Might be at Risk?	Initial Risk			Priority	Control Measures	Residual Risk			Priority	Action by
			L	C	RR			L	C	RR		
1.	Contact with live electrical conductor	Supervisor – Operator – Labour- Public	5	5	25	High	Only trained and authorised persons are permitted to operate the plant Before setting up the operator and the designated bank's man will assess the ground conditions for stability to prevent subsidence. The crane will be set up as close to the lift area as possible to avoid overreaching. The crane operator will not attempt to lift outside the specified crane capacity The load should always be Kept close to the ground The crane operator should maintain a steady speed during the operation Ground conditions: The crane company you have elected to use can give you suitable words to the effect that the ground on which the cranes will operate is capable of supporting the weight of the cranes and load. Crane outriggers will use ground mats and supporting grillages to provide additional support	2	2	6	Moderate	Management to monitor exclusion zone and permit to work / entry system is maintained throughout the work. /Supervisor/ Operators
2.	Accidental or unauthorized livening of the circuit	Supervisor – Operator – Labour- Public	5	5	25	High	Where possible an exclusion zone should be erected to segregate the work area from another plant. Setting up will be under the control of the bank's man. The bank's man should ensure there is adequate space	2	1	2	Moderate	Company/Contractor/Supervisor to monitor locking off system.

	Risk Assessment			Page 2 of 3
	Department QHSE	Document Ref. No. HSE-DOC-RA-00	Issue Date	Revision 00

							between the crane and any structures and take into account the swing radius. Before starting the crane operator should carry out a trial run to ensure					
3.	Contact with services	Supervisor – Operator – Labour- Public	5	5	25	High	All instructions to the excavator operator will be given by the bank's man (where possible this will be with the use of 2-way radios)	2	1	2	Moderate	Management to ensure suitable service drawings and scanning devices area available.

OSH Risk Matrix

Probability	Consequence				
	Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Rare (1)	1	2	3	4	5
Possible (2)	2	4	6	8	10
Likely (3)	3	6	9	12	15
Often (4)	4	8	12	16	20
Frequent/Almost Certain (5)	5	10	15	20	25

	Risk Assessment			Page 3 of 3
	Department QHSE	Document Ref. No. HSE-DOC-RA-00	Issue Date	Revision 00

15 - 25	Extreme Risk	Activity or Industry Should Not Proceed in Current Form
8 - 12	High Risk	Activity or Industry should be modified to include remedial planning and action and be subject to a detailed OSH Assessment
4 - 6	Moderate Risk	Activity or industry can operate subject to management & Modification
1 - 3	Low Risk	No Action Required Unless Escalation of Risk is Possible