TASK RISK ASSESSMENT WORKSHEET

CONTRACT NO	REF	DATE	REV
190707	RA-2026-Oy6szFUZ	05.08.2026	A

PROJECT 132 kv cable works

CLIENT	CONSULTANT	MAIN CONTRACTOR	SUBCONTRACTOR
Taqa	Green	El Sewdy	Heliopolis

ACTIVITY Cable Laying Test

ASSESSORS	— PROJECT MANAGER *signature*	— HSE ENGINEER *signature*	— PROJECT MANAGER *signature*	— CIVIL ENGINEER *signature*	— HSE ENGINEER *signature*

SN	Activity	Hazard / Aspect	Consequence	Groups Exposed	Existing Controls	Initial Risk P × S = R	Additional Controls	Residual Risk P × S = R
1	**Manual Test Activity**	1. Manual handling injuries 2. Slips and trips 3. Working at height	Personal injury, fractures, sprains	All site personnel	1. Provide appropriate PPE 2. Conduct toolbox talks 3. Implement safe work procedures	**P 3 × S 3** **9**	1. Regular inspections 2. Competent supervision	**P 2 × S 2** **4**
2	**Electrical Work**	1. Electric shock 2. Arc flash 3. Fire hazard	Serious burns, fatality, equipment damage	Electricians, site personnel	1. LOTO procedures 2. Insulated tools 3. PPE (arc flash suit)	**P 4 × S 5** **20**	1. SWMS approval 2. Competent supervision 3. Emergency response plan	**P 2 × S 3** **6**

LIKELIHOOD / FREQUENCY

Descriptor	Likely Frequency	Probability
Frequent	Occurs frequently	5
Often	Occurs several times per year	4
Likely	Has occurred more than once	3
Possible	Has occurred	2
Rare	Never occurred	1

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RISK MATRIX — PROBABILITY × CONSEQUENCE

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

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 detailed EHS assessment.
4 - 6	Moderate Risk	Activity or industry can operate subject to management and/or modification.
1 - 3	Low Risk	No action required, unless escalation of risk is possible.