RISK ASSESSMENT

(INSTALLATION OF CONDUIT AND TRUNKING)

Project/Location:	**Date: 00-00-2024**	**Date of Next Assessment:**
Job No.		**00-00-2025**

Tasks/ Activity:
Installation Of Conduit And Trunking
Who Might Be Harmed?
Operatives, Site Visitors

No.	Hazards	Risks & Consequences	Risk Level			Existing Risk Control Measures	Additional Risk Controls	Residual Risk			Remarks
			L	S	RR			L	S	RR	
1.	Handling and working with conduit, trunking or containment system	**Manual Handling Injuries** Lifting, carrying, or positioning heavy or awkward conduit and trunking materials. Musculoskeletal injuries, such as back strain or shoulder pain. **Risk: Slips, Trips, and Falls** Loose tools, materials, or cables left on the floor during installation. Minor to severe injuries such as sprains, fractures, or head trauma. **Cuts and Abrasions** Handling sharp edges of metal trunking or improperly deburred conduit ends. Lacerations to hands or fingers, requiring first aid or medical treatment. **Electrical Contact** Accidental contact with live electrical wires during installation in active systems.	3	5	H	Edges to be smooth at ground level prior to installation of conduit, trunking or containment system. Edges checked by operatives prior to pulling of cables PVC cement to be used in a well ventilation environment in small amounts. Canister to have top fitted once used to reduce risk of spillage and contact with ignition source. Product to be kept away from heat, sparks, flames and all other sources of ignition. Prior to installation of a conduit / trunking system, proper consideration of the products to be installed and associated installation practices to be incorporated. Planning to be performed based upon this information.	Provide proper manual handling training and use equipment like trolleys or lifts. Maintain a clean and organized worksite to minimize slip and trip hazards. Wear appropriate personal protective equipment (PPE), such as gloves and safety shoes. De-energize circuits before commencing work and use insulated tools. Use properly secured ladders or scaffolding and ensure workers are trained in working at height.	1	3	L	

		Electric shock or burns, potentially leading to severe injuries or fatalities. **Risk: Falling from Heights** Working on ladders or elevated platforms to fix or install trunking and conduit. Serious injuries such as broken bones, head injuries, or fatal falls.					Operatives to be trained and instructed in safe use of products. [COMPANY] Management/Supervisor to plan and monitor safe installation routes				

Risk Matrix

LIKELIHOOD	SEVERITY: Insignificant	Minor	Moderate	Serious	Major	Catastrophic
1	1	2	3	4	5	6
2	2	4	6	8	10	12
3	3	6	9	12	15	18
4	4	8	12	16	20	24
5	5	10	15	20	25	30
6	6	12	18	24	30	36

Consequences:

6 – Catastrophic – Multiple fatalities
5 – Major - Single Fatality
4 – Serious – Permanent disability
3 – Moderate – Lost Time Injury
2 – Minor – Medical Treatment
1 – Insignificant – First Aid Case

24 - 36	Extreme	Immediate action required, Activity should not to proceed in current form
15 - 20	High	Prompt action required, including interim actions. Activity should be modified to include remedial action and planning.
8 - 12	Medium	Schedule action including any interim countermeasures e.g. implement safe work procedures, signage, instructions
4 - 6	Low	Activity can operate subject to management and or modification,
1 - 3	Very Low/ Negligible	Risk almost certainly acceptable, no action required unless escalation of risk is possible

Likely Frequency:

Likelihood (of Adverse Event Occurring)			
	Description	**Health & safety**	**Environmental**
6	Almost certain or imminent	Occurs all the time	Continuous or will happen frequently
5	Highly likely	Common occurrence, Occurs multiple times in a year	Happens 5 – 10 times per year
4	Likely or could occur	Know to occur in the last 12 months	1 – 5 times per Year
3	Not likely, but possible	Has occurred in an industry worldwide	Once every 5 years
2	Unlikely	Has not occurred in over 10 years of the same activity	Not happened in over 10 years
1	Rare	Theoretically possible, but not expected to occur	theoretically possible, but not expected to occur

Prepared by: HSE Engineer		**Reviewed by: HSE Manager**		**Approved by:**	
Sign:	**Date:**	**Sign:**	**Date:**	**Sign:**	**Date:**