

DESIGNERS HEALTH AND SAFETY RISK ASSESSMENT

LOCATION		South Heywood S38							STAGE		Design		
No.	HAZARD	CONSEQUENCE OF HAZARD (RISK)	RISK LEVEL BEFORE MITIGATION			RISK OWNER	NEXT FORMAL REVIEW DATE	MITIGATION MEASURE TO BE TAKEN BY DESIGNER	RISK LEVEL AFTER MITIGATION			ANTICIPATED MEASURE THAT COULD BE APPLIED BY THE CONTRACTORS (OR OTHERS)	
			Likelihood	Consequence	Index				Likelihood	Consequence	Index		
1	Bracket & lantern erection, Replacement & maintenance	Debris falling from hoist bucket	1	4	4			None	1	4	4	Hoist bucket fitted with safety net. Area immediately below working area to be coned off and pedestrian barriers erected.	
2	Bracket & lantern, feeder pillar & switchgear erection, replacement and maintenance	Electrocution	1	5	5			Design to BS7671.	1	5	5	Workforce to be fully qualified to BS 7671 & operate in accordance with A.S.L.E.C. guidelines. All staff to have G39 Code of Practice Cert. All switchgear to be isolated prior to any maintenance being carried out and fuse carrier withdrawn from the Local Electricity Company's cut –out. Hoist bucket to be fully insulated	
3	General lighting maintenance Low and high level	Moving vehicles & pedestrians in vicinity of working hoists	1	4	4			None	1	1	4	Traffic & pedestrian management to Chapter 8 or other approved method of traffic control. Working area to be coned off to Chapter 8 standard layouts or other approved	
4	Traffic & pedestrian management	Traffic & pedestrian management errant vehicles entering working zone, including on driveways to properties	1	4	4			None	1	1	4	Working area to be coned off to Chapter 8 standard	
5	Contact with buried services	Death or Injury	2	5	10			Designer to consult relevant STATS info and ensure column locations are located away from buried services.	1	5	5	Contractor to liaise with site owner / DNO and main contractor prior to commencement of work, be provided with STATS info, and to ensure all workforce are aware of potential buried services. It is advised that all columns be installed using hand digging techniques.	
6	Contact with underground/overhead High Voltage power cables / local Substation	Death or Injury electrocution	2	5	10			Designer to consult relevant STATS and clearly indicate overhead/underground HV cables / substations drawings and position columns away from their vicinity.	1	5	5	Contractor to liaise with site owner / DNO and main contractor prior to commencement of work, be provided with STATS info, and to ensure all workforce are informed the exact layout of underground/overhead HV power cables / substations. It is advised that all columns be installed using hand digging techniques.	
Likelihood:			Consequence:					Index:		Likelihood x Consequence (see also CIRA SP125).			
1 - Improbable - Extremely unlikely to occur in relevant period			5 - Catastrophic - Death or major loss. Total system failure					16 – 25		Very High Risk - Unacceptable. Re-examine activities to provide lower risk			
2 - Remote - Unlikely to occur in relevant period			4 - Critical - Major injury, major damage to property/infrastructure, or major Environmental effect					9 – 15		High Risk - Apply further mitigation measures and/or alter method of work to reduce risk further. Seek project manager approval if risk cannot be reduced			
3 - Occasional - Likely to occur in relevant period			3 - Serious - Lost time injury or illness, minor damage to property/infrastructure or significant environmental effect					6 – 8		Medium Risk - Tolerable only if further mitigation is not reasonably practical and there is need to continue activity with identified controls			
4 - Probable - Likely to occur several times in the relevant period			2.- Marginal - Minor first aid incident, or requiring routine maintenance repair					1 – 5		Low Risk - Broadly acceptable if all reasonably practical control measures in place			
5 - Frequent - Likely regular occurrence in relevant period			1 - Insignificant - Unlikely to have impact on works										
Prepared by:			Jake Lister			Title:		Lighting Engineer			Date:		26/10/25
Reviewed by:			P Lynch			Title:		Principle Lighting Engineer			Date:		26/10/25
Approved by:			P Lynch			Title:		Principle Lighting Engineer			Date:		26/10/25