

Occupational Health and Safety Baseline Risk Assessment Template:																													
Project/Dept: WCOU-SHEQS		SCOPE OF WORK: Electrification Projects Scope of Work (Western Cape Coastal Cluster)										Next Review Date:	Anytime before commencement if there are additions on site; scope of work		Unique Identifier	240-70044602													
Date:25/08/2022									Prepared by: Cyd Ludidi															Revision:	0				
																								Revision date:	TBA				
Refer to Occupational Health and Safety Risk assessment procedure 32-520																													
1: List activity	2: Hazard identification			3: Risk identification							4: Assess & Analyse Risks						4: Evaluate Risk						5: Reduce & Eliminate Risk						
List activity (When applicable)	Hazard nr	Hazard Identification	Risk Nr	Associated risk (Risk identification)	Risk type	Exposed group/employees	Exposure patterns	Cause(s) of the risk	Risk Owner	Conditions(Routine/Non-routine)	What are the Consequences?	Existing Controls	First determine consequence and then the Likelihood of it	Risk Priority Rating		Additional Controls or Tasks Aimed at Improving Existing Controls		First determine Consequence and then the Likelihood of that Consequence.		Risk Priority Rating		Monitoring Mechanisms	Control Owner	Legal and Other Requirements	Initial Target Date	Revised Target Date	Current Status	Independent Verification (i.e. Confirmation that the objectives have been met)	
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.		A hazard is anything that is likely to lead to an event that will have an adverse impact on achieving an objective. A hazard can pose more than one risk.	#	A physical event occurs or could occur in relation to the hazard	Safety or health	Who is exposed to the hazard i.e. Employees, visitors, members of the public, etc.	The frequency and duration the person/group is exposed to the hazard e.g. Daily for 3 hrs.	What causes the risk to come into effect?	Who is accountable for making sure the controls and monitors are: - in place, - implemented, - regularly reviewed for effectiveness.	Indicate Yes or No if routine and No if non-routine. These items changes to conditions that could not be reasonably anticipated e.g. Emergencies	What is the expected adverse impact on the objective?	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring); and - Reactive Controls (controls implemented to reduce the immediate impact of the risk occurring)	Consequence	Likelihood		RCE Risk Control Effectiveness	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring); and - Reactive Controls (controls implemented to reduce the immediate impact of the risk occurring)	Consequence	Likelihood		How we know if we are succeeding. Include comments on effectiveness. This may include i.e. measurements, inspections, supervision where necessary.	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.	Once a date has been agreed to, this can not be changed	Used if, for any reason, a Target Date is revised. Use the Comments field to explain.	Pending, In Progress, Complete	Date Done:	By whom:	
1.Driving	1	Vehicles not roadworthy	1.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Risk assessment not done or pre-trip inspection not done & inadequate administrative control (car servicing)	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	2	Reckless/negligent driving	2.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Lack of skills, distractions & incompetent driver	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	3	Exceed speed road limits	3.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Lack of training & supervision/monitoring	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	4	Unfit & lack of competency for type of vehicle	4.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Lack of training & supervision	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	5	Overloading	5.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Lack of planning & supervision	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	6	Loose/ slippery gravel roads	6.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Lack of pre-road trip planning and vigilance	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	7	Public strikes (community protests) & hijacking	7.1	Vehicle incidents (Lost time injuries, property damage, Fatalities	Safety	Employees (contractor)	Daily 8 hours	Criminal activities. Not familiar with the surroundings,	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
			7.2	Body injuries	Safety	Employees (contractor) & public	Daily 8 hours	Criminal activities. Not familiar with the surroundings,	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
2.Site establishment & De-establishment	8	Mounted crane truck operations	8.1	Hydraulic failure	Safety	Employees (contractor)	Daily 8 hours	Overloading	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	9	overload & improper balance	9.1	Falling of structures & objects to the workers/overturning of cranes	Safety	Employees (contractor)	Daily 8 hours	pressure & lack of knowledge	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	10	Incorrect chain sling	10.1	Swerving/breaking	Safety	Employees (contractor)	Daily 8 hours	Lack of training & skills	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	11	Uneven surfaces	11.1	Trips-Slip-Fall	Safety	Employees (contractor)	Daily 8 hours	Lack of vigilance	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	12	Open excavations	12.1	Fall into excavations	Safety	Employees (contractor)	Daily 8 hours	Lack of warning signs & barricading	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	13	Elevation tasks	13.1	fall on to the ground	Safety	Employees (contractor)	Daily 8 hours	Lack of fall protection plan & training	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	14	Adverse weather conditions	14.1	heat exhaustion, Hypothermia	Health	Employees (contractor)	Daily 8 hours	Lack of pretask planning	Project Manager/ Project Coordinator	No	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
Installation Work (Poles,Breakers,ABC Feeders,AirDac Cable,Recloser,Fuses,Transformers,CT/ VT Metering Unit)	15	Inclement weather	15.1	heat exhaustion, Hypothermia	Health	Employees (contractor)	Daily 8 hours	Lack of pretask planning	Project Manager/ Project Coordinator	Yes	Lost Time Injuries, First Aid & Fatalities																		
	16	Ergonomics/Awkward Posture/Manual handling repetitive movements)	16.1	Back pains/fatigue	Health	Employees (contractor)	Daily 8 hours	Inadequate rest periods,	Project Manager/ Project Coordinator	Yes	Lost Time Injuries, First Aid & Fatalities																		
	17	Working at heights	17.1	Fall from heights	Safety	Employees (contractor)	Daily 8 hours	Lack of fall protection plan & training,supervision	Project Manager/ Project Coordinator	Yes	Lost Time Injuries, First Aid & Fatalities																		
	18	Uneven surface	18.1	Trips-Slip-Fall	Safety	Employees (contractor)	Daily 8 hours	Lack of vigilance/inadequate demarcation	Project Manager/ Project Coordinator	Yes	Lost Time Injuries, First Aid & Fatalities																		
	19	Sharp hand tools/cables	19.1	body/hand cuts/injuries	Safety	Employees (contractor)	Daily 8 hours	Lack of training/supervision/vigilance	Project Manager/ Project Coordinator	Yes	Lost Time Injuries, First Aid & Fatalities																		
	20	lifting equipment (pole 7 cable)	20.1	Objects fall to the structures/workers	Safety	Employees (contractor)	Daily 8 hours	Overloading/improper use of machinery,lack of skills/supervision	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	21	Excavation work (Digging holes)	21.1	Fall into excavation	Safety	Employees (contractor)	Daily 8 hours	Lack of vigilance/inadequate demarcation	Project Manager/ Project Coordinator		Property Damages, Lost Time Injuries, First Aid & Fatalities																		
4.Dig/Drill holes	22	Noise	22.1	Noise Induce Hearing Loss	Health	Employees (contractor)	Daily 8 hours	Lack of training (FAS) & skills or Poor/damaged PPE	Project Manager/ Project Coordinator	Yes	Lost Time Injuries, First Aid & Fatalities																		
	23.1	Dust accumulation	23.1	Dust inhalation	Health	Employees (contractor)	Daily 8 hours	Poor wetting methods & inadequate PPE as the last resort	Project Manager/ Project Coordinator	Yes	Occupational cancer, Lost Time Injuries, First Aid & Fatalities																		
	24	Hand tools (mattock/spade)	24.1	Body/hand cuts/injuries	Safety	Employees (contractor)	Daily 8 hours	Lack of training & skills or poor supervision	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	25	Drilling machine (jack hammer)	25.1	Swerving/Slips	Safety	Employees (contractor)	Daily 8 hours	Lack of training/skills & supervision	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		
	26	Vibration	26.1	hand-arm vibration syndrome (HAVS)	Health	Employees (contractor)	Daily 8 hours	Lack of training/skills & supervision & PPE as a last resort	Project Manager/ Project Coordinator	Yes	Property Damages, Lost Time Injuries, First Aid & Fatalities																		

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