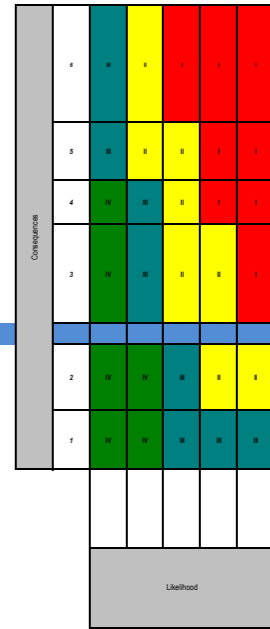


Occupational Health and Safety Baseline risk assessment template																								
Business/Operating unit: NATIONAL TRANSMISSION COMPANY SOUTH AFRICA (NTCSA)										Department: Project Delivery: H&S					Next Review Date (every 2 years): 2026/04/09		Template identifier: 240-7004402							
Project: Muldersvlei 11kV										Prepared by: Cyril Liddi					Authorized by: Sibusiso Ntshona		Document identifier:							
										Designation: Senior Advisor H&S					Revision number: 1		Revision date: 31 May 24							
										Date:														
Refer to Occupational Health and Safety Risk assessment procedure 52-520																								
L1 activity	Activity type (Routine/Non-routine)	Hazard or	Hazard Identification	Risk No	Associated risk	Risk type	Consequence(s) of the risk	Exposure group/employees	Risk Owner	Exposure patterns	What are the possible consequences?	Existing Controls	Consequence	Likelihood	Risk Priority Rating	Additional Controls or Tasks Aimed at Improving Existing Controls		Monitoring Mechanisms	Control Owner	Legal and Other Requirements	Target Date	Current Status	Integrated Risk Management (IRM) reference number	
																Residual Risk	Residual Risk							
Identification and demarcation of protected and/or listed vegetation at the identified construction location.	R	1	Uneven surfaces (rocks, tree stumps, etc)	1.1	Slips, trips and falls	Safety	Obstacles on the surface: Poor housekeeping; Lack of concentration; Slippery surfaces (loose stones and wet surfaces)	Surveyors; Environmental and Health and Safety personnel	PM	8 hours	Medical injury	Awareness training during inductions for employees and visitors; Use of safety boots; Regularly reviewed for effectiveness.	3	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act: Construction Regulations 7(6);	TBA	Pending		
	R	2	Biological Hazards (snakes, bees, scorpions etc)	2.1	Snake bites and bee and scorpion stings	Safety	Coming into contact with snakes, bees, scorpions, spiders etc	Surveyors; Environmental and Health and Safety personnel	PM	8 hours	LTI	Awareness training on snakes, bees, scorpions etc; Appoint snake handlers and persons with knowledge of bees and similar insects.	3	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8	TBA	Pending		
	R	3	Extreme weather conditions (heat, cold)	3.1	Dehydration / Frost bite / Hypo and hyperthermia	Health	Exposure to extreme weather conditions; Inadequate hydration / water/fluid intake; Inadequate or failure to provide suitable PPE	Surveyors; Environmental and Health and Safety personnel	PM	8 hours	Medical injury	Ensure adequate water supply on site; Work rotation; Regular work breaks; Controls with long sleeves, safety boots; Warm thermal jackets for winter.	3	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act: Environmental Regulations for Workplaces 2; Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending		
Bush & shrub clearing and tree felling	R	4	Biological hazards:	4.1	Snake bites and bee and scorpion stings	Health	Contact with snakes, bees, scorpions, spiders etc	Bush clearing team	PM	8 hours	LTI	Site specific SHE induction; Appoint snake handlers and persons with knowledge of bees and similar insects; Awareness training on how to react when faced with snakes, bees, scorpions etc.	4	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act: Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending		
	N	5	Uneven surfaces (rocks, tree stumps, etc)	5.1	Slips, trips and falls	Safety	Mis-stepping; Obstacles on the surface; Poor housekeeping; Inadequate wetting; Slippery surfaces (loose stones and wet surfaces)	Bush clearing team	PM	8 hours	Medical injury	Remove obstacles on the surface; Practice good housekeeping; Awareness training; Regular inspection of workplace.	3	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8	TBA	Pending		
	N	6	Hand/Power tools e.g. chain saw, hand saws and other cutting tools	6.1	Injuries	Safety	Lack of training; incorrect use of equipment; Use of defective equipment; Poor supervision; Failure to follow procedures	Bush clearing team	PM	8 hours	Medical injury	Operators shall be trained / Awareness training; Work rotation / regular breaks; Develop a maintenance schedule for all machinery; Provide general supervision; Develop safe work procedures, and communicate to all employees.	4	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8	TBA	Pending		
	N	7	Cutting of trees	7.1	Injuries	Safety	Lack of training; Lack of concentration; Poor supervision; Failure to follow procedures; Failure to put on correct PPE	Bush clearing team	PM	8 hours	Medical injury	Operators shall be trained / Awareness training; Work rotation / regular breaks; Develop a maintenance schedule for all machinery; Provide general supervision; Develop safe work procedures, and communicate to all employees.	4	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8	TBA	Pending		
	N	8	Moving machinery (eg TLB):	8.1	Struck by	Safety	Lack of starting alarm on machinery e.g. reverse hoist/alarms; Lack of observation operating TLB; Failure to demarcate work areas; Failure to appoint competent flagmen	Bush clearing team	PM	8 hours	Fatality	Operators shall be trained; Awareness training; Develop a site specific traffic plan; Provide trained flagmen and give them high visibility vests.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8 CR 23-1-d	TBA	Pending		
	N	9	Noise & dust from bush/tree/branch shredder (wood chipper)	9.1	Noise induced hearing loss; Lung/respiratory diseases	Health	Exposure to noise level above 85dB; Exposure to or inhalation of wood/dust	Bush clearing team	PM	8 hours	LTI	Provide and train employees on use of PPE (ear protection); Conduct health risk assessment and surveys; Communicate survey results / recommendations to employees; Provide supervision.	4	C	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	NHE: Eskom's Medical Surveillance Procedure 240-84733329	TBA	Pending		
	N	10	Extreme weather conditions (heat, cold, dust)	10.1	Frost bite / Hypo and hyperthermia	Health	Failure to conduct health risk assessment; Failure to provide PPE (thermal gloves and jackets, wet/bone hats etc)	Bush clearing team	PM	8 hours	Medical injury	Provide and train employees on use of PPE; Conduct health risk assessment and surveys; Communicate survey results / recommendations to employees; Provide supervision.	3	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	Environmental Regulations for Workplaces 2; Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending		
	Access road/offloading pad construction	N	11	Groundearth grading equipment (e.g. graders)	11.1	Struck by; Noise; Dust; Equipment overturn; Accidents e.g. overturning (capsizing)	Safety or health	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent flagmen; Failure to follow instructions; Failure to conduct Occupational Hygiene surveys; Failure to enforce the recommendations of the OH surveys/risk assessment on the correct PPE to use.	Civil team	PM	8 hours	Fatality	Contractor shall develop a site specific traffic plan, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Construction Regulations 23 (1)(d) Construction Vehicles & Mobile Plant; Contractor shall appoint a competent person as flagman, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Contractor to ensure that contractor supervisors and employees are trained in safe work procedures; Eskom's Occupational Hygiene Management Guideline POPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance.	5	C	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8 Eskom's Occupational Hygiene Management Guideline POPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance CR 23 (1)(d) Construction Vehicles & Mobile Plant;	TBA	Pending	
		N	12	Excavating equipment e.g. TLB	12.1	Overturning/capsizing (Accidents)	Safety	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent flagmen; Failure to follow instructions; Failure to conduct Occupational Hygiene surveys; Failure to provide PPE and enforce the recommendations of the OH surveys & relevant risk assessment	Civil team	PM	8 hours	Fatality	Contractor shall develop a site specific traffic plan, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Construction Regulations 23 (1)(d) Construction Vehicles & Mobile Plant; Contractor shall appoint a competent person as flagman, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Contractor to ensure that contractor supervisors and employees are trained in safe work procedures; Eskom's Occupational Hygiene Management Guideline POPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8 Eskom's Occupational Hygiene Management Guideline POPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance CR 23 (1)(d) Construction Vehicles & Mobile Plant;	TBA	Pending	
	Site Establishment	N	13	Mobile Plant, e.g. TLB	13.1	Struck by; Noise; Dust; Whole body vibrations	Safety or health	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent flagmen; Failure to follow instructions; Failure to conduct Occupational Hygiene surveys; Failure to provide PPE and enforce the recommendations of the OH surveys/risk assessment	Site establishment team	PM	8 hours	Fatality	Contractor shall develop a site specific traffic plan, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Construction Regulations 23 (1)(d) Construction Vehicles & Mobile Plant; Contractor shall appoint a competent person as flagman, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Contractor to ensure that contractor supervisors and employees are trained in safe work procedures; Eskom's Occupational Hygiene Management Guideline POPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8 Eskom's Occupational Hygiene Management Guideline POPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance CR 23 (1)(d) Construction Vehicles & Mobile Plant;	TBA	Pending	
R		14	Electrical connections to prefabricated offices	14.1	Electrocution	Safety	Incorrect wiring; Lack of or inadequate Log Out / Tag Out system; Lack of supervision; Failure to test before touching; Unshielded / unarmoured electrical.	Site establishment team	PM	8 hours	Fatality	Eskom's Life Saving Rules, Rule 1: Open, isolate, earth, test, bond, before touch; Electrical Installation Regulations 2, 5 and 6; Training and supervision	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act ESR Eskom's Life Saving Rules	TBA	Pending		
N		15	Lifting operations (e.g. Offloading of Prefabricated office)	15.1	Failure of the lifting equipment / disengagement of object	Safety	Use of unbraked / defective lifting equipment; Failure to maintain lifting equipment; Failure to follow safe work procedures; Lack of training of operator; Poor lifting methods/techniques; Inadequate supervision	Site establishment team	PM	8 hours	Fatality	Appoint competent slinger (SANS 12480-1 Section 5.4 (slinger)); Appoint competent crane operator (SANS 12480-1 Section 5.3 Crane driver & Section 5.3.3: Training of crane driver); Develop a maintenance schedule as per manufacturer's manual; Train supervisors, operators, employees on safe work procedures.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act SANS 12480-1	TBA	Pending		
R	16	Hand tools, eg Hammer	16.1	Hand / Finger struck by hand tools	Safety	Lack of attention; Incorrect work position; Defective tool.	Surveying team	PM	8 hours	Medical injury	Awareness training of employees in the use of hand tools like hammers, spanners, chisels etc; Inspection of tools before use; Supervision.	3	B	III	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	CHS Act	TBA	Pending			

R	Safety	1	A	Fully effective	Green
N	Health	2	B	Mostly effective	Yellow
		3	C	Mostly ineffective	Orange
		4	D	None	Red
		5	E		Grey
		6			



Surveying & Pegging	17	Extreme weather conditions	17.1	Dehydration / Frost bite / Hypo and hyperthermia	Health	Inadequate water supply, inadequate or failure to provide suitable PPE (thermal gloves and jackets, wide brim hats etc); ensure good ergonomic regime	Surveying team	PM	8 hours	Medical injury	Work rotation, Regular work breaks, Controls with long sleeves, safety boots, Warm thermal jackets for winter	3	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	Environmental Regulations for Workplaces or Esikom's Personal Protective Equipment Specification 240-44175132	TBA	Pending	
	18	Biological hazards (snakes, bees, scorpions); Wild animals	18.1	Snake & spider bites, bee stings, etc.; Aerial attacks	Health	Contact with snakes, bees, scorpions, spiders etc; Contact with wild animals	Surveying team	PM	8 hours	Fatality	Awareness training, Induction training, Appointment of trained snake handlers, Awareness training on how to react when faced with wild animals, Fence off animals and prevent contact with workers.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act	TBA	Pending	
Platform / Terrace Earthworks	R	19	Mobile Plant, e.g. TLB	19.1	Struck by; Noise; Dust; Equipment vibrations	Safety or health	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent signaller; Failure to follow instructions; Failure to conduct Occupation Hygiene surveys; Failure to provide PPE and enforce the recommendations of the OH surveys/oh assessment	Earthworks team	PM	8 hours	Fatality	Contractor shall develop a site specific traffic plan, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Construction Regulations 23 (1)(d); Construction Vehicles & Mobile Plant; Contractor shall appoint a competent person as signaller, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Contractor to ensure that contractor supervisors and employees are trained in safe work procedures; Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance / Continuous occupational hygiene surveys; Enforce the recommendations of the OH surveys (eg wearing of PPE like dust masks, ear protection, etc)	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8 Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance CR 25 (1)(d); Construction Vehicles & Mobile Plant.	TBA	Pending
	R	20	Noise	20.1	Noise induced hearing loss	Safety	Failure to provide and train and use hearing protection; Failure to supervise use of ear protection	Earthworks team	PM	8 hours	LTI	Provide and train employees on use of PPE (ear protection); Conduct health risk assessment and communicate to employees; Provide supervision	4	C	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	NHLR; Esikom's Medical Surveillance Procedure 240-84733329	TBA	Pending
	R	21	Oils and other petroleum material from mobile plant	21.1	Oil spillage leading to ground water contamination	Health	Failure to maintain & service equipment; Failure to provide adequate drip trays; Failure to perform regular inspection	Earthworks team	PM	8 hours	LTI	Train / inform employees on the handling of HCS; Conduct continuous occupational hygiene surveys; Provide MSDS for all chemicals in use; Provide adequate storage facilities; Provide suitable PPE (respirators, PVC suits, depending on the HCS in question)	4	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act HCSR Esikom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
Excavation / Trenching Work	R	22	Collapse of excavation wall/OAD/DfAs (save in)	22.1	Entrapment/engulfment of persons inside the excavation	Safety	Unstable excavation; Unstabilized or unsupported excavation;	Excavation team; Members of the Public; Animals	PM	8 hours	Fatality	The Contractor to submit the proposed foundation and soil type remediation schedules to the Design Engineer as per Esikom Procedure 240-47172020 "The design and construction of overhead power lines", Section 8.5.1. Contractor to ensure excavation is adequately shored and braced as per Construction Regulations 13	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Esikom Procedure 240-47172020 "The design and construction of overhead power lines", Section 8.5.1 (Excavations); Construction Regulations 13	TBA	Pending
	R	23	Underground services (services pipes, electrical & telecom cables etc)	23.1	Damage to underground services; Electric shocks	Safety	Failure to perform or conduct correct underground scan; Failure to communicate results of tests for underground services to operator; Unavailability of plans for underground services	Excavation team; Members of the Public; Animals	PM	8 hours	Fatality	Use underground services detector (eg cable detector) to identify / trace underground services; Obtain and use underground service plan; Identification of signs for underground services; Communicate the results of the tests to all employees	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act CR 152-gf	TBA	Pending
	R	24	Material / people/ animals falling into excavation	24.1	Injuries to employees / animals;	Safety	Failure to barricade the excavation area; Failure to warn of danger;	Excavation team; Members of the Public; Animals	PM	8 hours	LTI	Provide warning signs & barricading to warn and prevent people and animals from falling onto excavation	4	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act CR 15 (f-g)	TBA	Pending
	R	25	Moving machinery (e.g. TLB)	25.1	struck by	Safety	Lack of reverse alarm on machinery; Failure to train and provide a signaller; Untrained signaller; Inadequate supervision; No log out log out system in place leading to operation of machine by incompetent person	Excavation team; Visitors	PM	8 hours	Fatality	Ensure operators are competent; Provide trained signaller; Supervision (ensure the moving machinery is at a safe distance from the excavation); Erect barricading around excavation.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act; CR 13 (g-h)	TBA	Pending
	R	26	Oxygen deficiency in the excavation	26.1	Asphyxiation to operators in the excavation	Safety	Entering the excavation without performing oxygen tests.	Excavation team operators;	PM	8 hours	Fatality	Operators must be competent to operate the machinery; Ensure there are trained signaller during operations; Provide adequate supervision; Provide high visibility PPE.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act; CR 22 (1)-(4); Esikom Procedure 28-98 Section 2.6 & 2.18	TBA	Pending
	R	27	Dust from excavation process/activity	27.1	Dust inhalation leading to (lung) respiratory health diseases	Health	Exposure to dust without using respiratory protection equipment (RPE);	Excavation team;	PM	8 hours	Medical	Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; Conduct health risk assessment and surveys; Communicate survey results and hazards to employees; Provide hearing and respiratory protection, and supervise their use.	4	C	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act; NHLR; Esikom's Medical Surveillance Procedure 240-84733329	TBA	Pending
	R	28	Possible collection of water (damming)	28.1	Drowning	Safety	Rain water and/or damage to under-surface services e.g. water line	Excavation team; Project team members; Visitors; animals; members of the public	PM	8 hours	Fatality	Solid barricading as per the Health and Safety specification.	5	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act sec 8; Esikom Personal Protective Equipment Specification 240-44175132; Esikom Medical Surveillance Procedure 240-84733329	TBA	Pending
Working with Cement (e.g. Casting Work)	R	29	Dust Wet Cement	29.1	Mesothelioma, Cement burns and Dermatitis	Health	Failure to conduct health risk assessment and surveys; Failure to inform employees of survey results; Failure to inform employees of hazard; Failure to provide suitable PPE	Construction team	PM	8 hours	LTI	Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; Conduct health risk assessment and surveys; Communicate survey results and hazards to employees; Provide awareness training for cement work; Job rotation; Persons mixing concrete to use proper PPE including gumboots, safety goggles, long PVC gloves, respiratory protection etc.	4	C	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Section 8; HCSR; Esikom's Personal Protective Equipment Specification 240-44175132; Esikom Medical Surveillance Procedure 240-84733329	TBA	Pending
	R	30	Ergonomics hazards	30.1	Body aches, muscles injuries, sprains, etc	Health	Inadequate workplace risk assessment to identify ergonomic risks e.g. awkward postures, overexertion, working in high temperatures, etc	Construction team	PM	8 hours	Medical	Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; Conduct health risk assessment and surveys; Communicate survey results to employees; Communicate hazards to employees; Awareness training on correct posture techniques; Job rotation and work rest periods	3	C	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act; Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50.	TBA	Pending
Yardworks	R	31	Open excavation	31.1	Fall into	Safety	Failure to post warning signs; Failure to barricade excavation; Failure to make aware.	Yardworks team	PM	8 hours	Medical injury	CHS Act Sec 8; Construction Regulations 13, the project Health and Safety Specification; this Baseline Risk Assessment	3	C	II	Mostly effective	Contractor to develop excavation procedures; Contractor to appoint excavation supervisor to inspect the excavations on regular basis. Contractor to protect the excavations with solid barricading accompanied by warning signs.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act CR 152-g	TBA	Pending
	R	32	Mobile Plant (e.g. graders, TLB etc)	32.1	Struck by; Noise; Dust; Whole body vibrations	Safety or health	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent signaller; Failure to follow instructions; Failure to conduct Occupation Hygiene surveys; Failure to provide PPE and enforce the recommendations of the OH surveys	Yardworks team	PM	8 hours	Fatality	Construction Regulations 23 (1)(d); Health and Safety Specification Form 74 (Construction Vehicles and Mobile Plant); Esikom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; this Baseline Risk Assessment; Construction Regulations 13.	5	C	II	Mostly effective	Contractor shall appoint competent operator; Contractors shall ensure reverse hoister is installed on the machinery; Contractor shall ensure a signaller is designated; Contractor shall ensure effective traffic management plan; Contractor to ensure Log Out Tag Out procedure is in place and adhered to; Contractor shall conduct a risk assessment and communicate the results & controls thereof to workers; Contractor shall enforce the use of Hearing and Respiratory Protective Devices/Equipment.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act Health & Safety Specification Form 74; Construction Regulations 23	TBA	Pending
	R	33	Roller / wacker (during compaction of filling material)	33.1	Struck by;	Safety	Use of equipment by incompetent operator; Incorrect use of equipment; Failure to conduct risk assessment;	Yardworks team	PM	8 hours	LTI	CHS Act Sec 8; Construction Regulations 24; the project Health and Safety Specification; this Baseline Risk Assessment	4	C	II	Mostly effective	Contractor shall appoint a competent operator; Contractor to conduct equipment risk assessment and communicate results. A recommended controls thereof to the operator.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act	TBA	Pending
	R	33.2	Repetitive strain injuries	33.2	Repetitive strain injuries	Safety	Prolonged use of tractor machines; Inadequate training for operators; Use of compacted equipment without MSDS and adequate PPE	Wacker operators	PM	8 hours	LTI	CHS Act Sec 8; General safety Regulations 2; the project Health and Safety Specification; this Baseline Risk Assessment	4	C	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act	TBA	Pending
	R	34	Tractor Machine	34.1	Exposure to radiation	Health	Failure to train / inform; Failure to demarcate no-go zone for unauthorised personnel; Failure to provide adequate storage facilities; Inadequate supervision.	Yardworks team	PM	8 hours	LTI	Contractor shall procure the services of a competent person to operate tractor; Contractor shall determine the level of radiation emitted by the tractor; Post signage and demarcate the area where the tractor is being used; Provide direct supervision; Work rotation; Provide awareness on the trailer during toolbox talks.	4	B	II	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspectors and Audits on Contractor	PM/Construction manager/supervisor	CHS Act HCSR	TBA	Pending

Foundations Works (e.g. Main bases, equipment bases, busbar support foundations, floodlights and earthwire supports)	R	35	Open Excavations	35.1	Collapse of excavation walls	Safety	Soft and unstable excavation walls. Unsupported or unshored excavation walls.	Foundation and other relevant teams	PM	8 hours	Fatality	OHS Act Sec 8, Construction Regulations 9, Health and Safety Specification and the Baseline Risk Assessment	5	C	H	Mostly effective	Contractor shall ensure soil study before excavation activity. Contractor shall ensure that weak and soft excavation is effectively stabilised and supported e.g. bracing, shoring, battering, etc.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act, Construction Regulations 12, the Baseline Risk Assessment, the project Health and Safety Specification	TBA	Pending
	R			35.2	Falling into	Safety	Unshored open excavation. Failure to warn of danger	Foundation team, visitors and other project team members	PM	8 hours	LTI	OHS Act Sec 8, Health and Safety Specification, the Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall ensure that solid barricades accompanied by warning signs are installed around the excavations.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act, Construction Regulations 13, the Baseline Risk Assessment, the project Health and Safety Specification	TBA	Pending
	R			35.3	Accumulation of natural gasses leading to asphyxiation to operators	Safety	Failure to perform Oxygen tests in the excavation	Foundation team, visitors and other project team members	PM	8 hours	Fatality	OHS Act Sec 8, Health and Safety Specification, the Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall ensure that continuous oxygen tests are performed before and during works in the excavation	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act, Construction Regulations 13, the Baseline Risk Assessment, the project Health and Safety Specification	TBA	Pending
	R	36	Wet Concrete/burnt	36.1	Concrete burns	Safety	Failure to train / warn of hazards; Lack of supervision; Lack of knowledge; Lack of adequate PPE.	Foundation and other relevant teams	PM	8 hours	LTI	Persons mixing concrete to use proper PPE including goggles, safety goggles, long PVC gloves, respiratory protection etc. Training of supervisors, and awareness training of relevant employees on Eskom Procedure 240-47172520 The design and construction of overhead power lines, Section 6.8 Concrete Foundations; Supervisors to ensure during delivery to ensure that raw materials delivered to site is up to specifications.	4	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Eskom's Personal Protective Equipment Specification 240-4417132 Eskom's Medical Surveillance Procedure 240-84733329.	TBA	Pending
	R	37	Dry Cement (dust)	37.1	Lung/respiratory infections/diseases	Health	Inadequate risk assessment; Failure to warn of danger; Lack of supervision; Failure to use appropriate respiratory protective equipment.	Foundation and other relevant teams	PM	8 hours	LTI	Contractor to conduct a health risk assessment; Inform employees of hazards caused by concrete; Provide direct supervision; Provide suitable PPE (dust masks, full body PVC suit).	4	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act GSR 2 Eskom's Personal Protective Equipment Specification 240-4417132	TBA	Pending
	R	38	Pinch points from Formworks/utting	38.1	hand/finger injuries	Safety	Inadequate/infective risk assessment; Failure to warn and inform workers of risks at hand; Failure to wear correct PPE recommended by the relevant risk assessment; Poor supervision.	Foundation and other relevant teams	PM	8 hours	LTI	OHS Act Section 8, General Safety Regulations 2; the project Health and Safety Specification, the Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall conduct risk assessment from which control and PPE shall be recommended and communicated with workers. Contractor shall ensure effective supervision.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act CR 13-24	TBA	Pending
Erection/loading/off-loading/ installation of Fire Protection (fire walls) Manholes & sumps; piping, oil holding dams; transformer / Reactor bay;	R	40	Use of crane (mechanical lifting/lifting) loading/unloading/erection of materials and equipment	40.1	Lifting equipment failure;	Safety	Inadequate maintenance of lifting equipment; Using untested lifting equipment (due to lack of training of riggers); Untrained / inexperienced operator.	Fire fighting team	PM	8 hours	Fatality	Appoint competent rigger (SANS 12480-1 Section 5.4 (rigger); Appoint competent crane operator (SANS 12480-1 Section 5.3, Crane driver & Section 5.3.3, Training of crane driver); Develop a maintenance schedule as per manufacturer's manual; Obtain the services of a competent person to test / maintain lifting equipment; Train supervisors, operators, employees on safe work procedures.	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SANS 12480-1	TBA	Pending
	R	41	Open excavation	41.1	Collapse; Fall into; Equipment	Safety	Type of soil structure; Failure to batter sides and ends; Failure to support with timber, sheeting or other support systems; Inadequate / No shoring; Inadequate safety signage	Fire fighting team	PM	8 hours	Fatality	The Contractor to submit the proposed foundation and soil type remediation schedules to the Design Engineer as per Eskom Procedure 240-47172520 "The design and construction of overhead power lines", Section 6.5.1. Contractor to ensure excavation is adequately shored and braced as per Construction Regulations 13	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Eskom Procedure 240-47172520 "The design and construction of overhead power lines", Section 6.5.1 CR 13	TBA	Pending
	R	42	Moving machinery (graders, TLB etc)	42.1	Struck by; None; Dust; Whole body vibrations	Safety or health	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent flagmen; Failure to conduct Occupational Hygiene survey; Failure to provide PPE and enforce the recommendations of the OH survey	Fire fighting team	PM	8 hours	Fatality	Contractor shall develop a site specific traffic plan, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Construction vehicle operators shall be trained Construction Regulations 23 (1)(6) Construction Vehicles & Mobile Plant; Contractor shall appoint a competent person as flagman, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Eskom Occupational Hygiene Management Guideline PDRMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; Contractor to ensure that contractor supervisors and employees are trained safe work procedures; Provide adequate PPE, including dust masks and hearing protection; Work rotation to reduce exposure to vibration.	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SHE Specification Form 74; Eskom Occupational Hygiene Management Guideline PDRMAN-GL-50, CR	TBA	Pending
Electrical Works: connecting and testing junction boxes	R	43	Working at heights	43.1	Fall from height	Safety	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent flagmen; Failure to demarcate work areas; Lack of attention / concentration; Failure to comply with the site traffic plan.	Electrical team	PM	8 hours	Fatality	Eskom's Life Saving Rules, Rule 2: Hook Up at Heights, the project Health and Safety Specification, Baseline Risk Assessment	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SHE Specification Form 74 Eskom Working at Heights Procedure 32-416	TBA	Pending
	R	44	Hand tools	44.1	Material falls onto employees, resulting in injuries	Safety	Use of untested / defective lifting equipment; Failure to maintain lifting equipment; Failure to follow written safe work procedures; Lack of training of operator.	Electrical team	PM	8 hours	Fatality	The project Health and Safety Specification, OHS Act 85 of 1993, Client Induction, Baseline Risk Assessment.	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act 85 of 1993	TBA	Pending
	R	45	Working on energised electrical structures	45.1	Electrical shock, electrocution	Safety	Inadequate training and supervision; Using improper/damaged tools; Failure to follow written safe work procedures; Inadequate PPE	Electrical team	PM	9 hours	Fatality	Eskom's Life Saving Rules, Rule 1: Open, isolate, earth, test, bond, before touch/Electrical Installation Regulations 2, 9 and 6	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	SHE Specification Form, Baseline Risk Assessment	TBA	Pending
	R	46	Working within the transformer	46.1	Asphyxiation, poor lighting/illumination	Safety	Inadequate training and supervision; Failure to follow written safe work procedures; Inadequate PPE e.g. not wearing head torches and oxygen masks	Electrical team	PM	10 hours	Fatality	The project Health and Safety Specification, OHS Act of 1993 (Physical Agents Regulations, 2024); Client Induction, Baseline Risk Assessment.	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	SHE Specification Form, Baseline Risk Assessment, OHS Act 85 of 1993	TBA	Pending
	R	47	Ergonomics (during assembling of steel structure)	47.1	Muscular skeletal disorders	Health	Axial body position; Repetitive body motion caused by bending and twisting actions; Inadequate training and underlying medical conditions; Incorrect lifting techniques; Over exertion.	Electrical team	PM	8 hours	LTI	Awareness training on correct lifting techniques; Job rotation and work rest periods	4	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act 85 of 1993, Ergonomic Regulations	TBA	Pending
External works	R	48	Offloading of equipment	48.1	Equipment damaged and fall onto employees	Safety	Failure to secure equipment / material properly; Untrained / inexperienced lifting equipment operator; Failure to follow safe work procedure.	Construction team	PM	8 hours	Fatality	Awareness training on use of HCS; Provide MSDS for all HCS used on site; Provide HCS with adequate storage facilities; Provide suitable PPE (respirators, PVC suits, as may be applicable).	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SANS 12480-1	TBA	Pending
	R	49	Ergonomic hazards	49.1	Musculoskeletal disorders	Health	Axial body position; Repetitive body motion caused by bending and twisting actions; Inadequate training and underlying medical conditions; Incorrect lifting techniques; Over exertion.	Construction team	PM	8 hours	LTI	Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; to determine any underlying medical conditions; Conduct health risk assessment and communicate hazards to employees; Train / inform employees on good ergonomics; Provide supervision and awareness training for cement work; Job rotation; Persons mixing concrete to use proper PPE including goggles, safety goggles, long PVC gloves, respiratory protection etc.	4	B	H	Mostly effective	Contractor shall develop and implement additional controls and raising post implementation of these additional controls.	Esikom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SHE Specification Form 74 CR 23 (1)(6) Eskom Occupational Hygiene Management Guideline PDRMAN-GL-50	TBA	Pending

	R	50	Weekkillers under yardstone	50.1	Chemical poisoning	Health	Failure to train / inform; Failure to provide MSDS; Failure to provide adequate storage facilities; Failure to provide PPE	Construction team	PM	8 hours	LTI	Contractor shall develop and implement additional controls and rating post implementation of these additional controls. Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act HCSR Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending	
Laying of kerbs and channels	R	51	Kerb Works/Handling/carrying	51.1	Muscle injuries/backaches	Safety	Awarded body position; Incorrect lifting techniques; Overexertion	Construction team	PM	8 hours	LTI	Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; OHS Act Sec 8, Good lifting/carrying techniques.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50 Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
	R	52	Cutting/breaking kerbs	52.1	Noise induced hearing loss; Lung/respiratory diseases;	Health	Exposure to equipment noise over 85dB; Inhalation of dust silica	Construction team	PM	8 hours	SI	Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; OHS Act Sec 8, the project Health and Safety Specification	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50 Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
Reinforcement (rebar) installation	R	53	Rebar works (Manual work/handling)	53.1	Injury to hands/fingers (cuts & pinches)	Safety	Sharp ends of the rebars; Wires; cutting tools e.g. jib	Construction team	PM	8 hours	LTI	OHS Act Sec 8; the project Health and Safety Specification	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8; Construction Regulations 9; Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
	R			53.2	Trips	Safety	Bad housekeeping for rebars	Construction team	PM	8 hours	LTI	OHS Act Sec 8; General Safety Regulations 8; Construction Regulations 28 and the project Health and Safety Specification	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8; Construction Regulations 9; Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
	R			53.3	Muscle injuries/backaches	Safety	Awarded body position e.g. body bending, carrying heavy rebar systems/e.g. rebar cage or bundle	Construction team	PM	8 hours	LTI	OHS Act Sec 8; the project Health and Safety Specification; Good lifting/carrying techniques	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8; Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50 Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
Installation Work (11kV Surge Arrestors, 3 x incomer panels, 3 x VT panels, 7 x feeder panels, terminations, install trifurcating kits, install heat shrink joints, heat shrink terminations, boards and 4 farmers feeders)	R	54	Moving machinery (Cranes, construction vehicles, etc)	54.1	Struck by	Safety	Failure to develop / inadequate site traffic plan; Untrained / inexperienced operator; Failure to appoint competent flagman; Failure to demarcate with cones; Lack of attention / concentration; Failure to comply with the site traffic plan	Erection team	PM	8 hours	Fatality	Contractor shall develop a site specific traffic plan, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Construction vehicle operators shall be trained (Construction Regulations 23 (1)(6); Construction Vehicles & Mobile Plant; Contractor shall appoint a competent person as flagman, as per Section 49 of SHE Specification Form 74 (Construction Vehicles and Mobile Plant); Contractor to ensure that contractor supervisors and employees are trained in safe work procedures.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SHE Specification Form 74 CR 23 (1)(6)	TBA	Pending
	R	55	Offloading of material	55.2	Material falls onto employees, resulting in injuries	Safety	Use of undressed / defective lifting equipment; Failure to maintain lifting equipment; Failure to follow safety work procedures; Lack of training of operator	Erection team	PM	8 hours	Fatality	Appointment of trained and competent riggers and operators; Ensure lifting equipment is tested and maintained by an accredited entity; Training of supervisors and employees on safe work procedures; Ensure machine operators are adequately trained	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act SANS 12480-1 Eskom Procedure 39-98	TBA	Pending
	R	56	Ergonomics (during assembling of steel structure)	56.1	Muscular skeletal disorders	Health	Awarded body position Repetitive body motion caused by bending and twisting actions; Inadequate training and underlying medical conditions	Erection team	PM	8 hours	LTI	Awareness training on correct lifting techniques; Job rotation and work rest periods	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act	TBA	Pending
Erection of fencing (inner and outer security fences)	R	57	Digging/Excavating (manual/mechanical)	57.1	Physical injuries e.g. muscle sprains	Safety	Incorrect use of digging/excavating equipment/tool	Fence erection team	PM	8 hours	Fatality	OHS Act Section 8; General Safety Regulations 2; the project Health and Safety Specification; this Baseline Risk Assessment	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Health & Safety Specification; the Baseline Risk Assessment; CR 13	TBA	Pending
	R	58	Wet Concrete	58.1	Concrete burns;	Safety	Direct skin contact with wet concrete; Failure to train / warn of hazards; Lack of supervision; Lack of knowledge; Failure to put on correct PPE	Fence erection team	PM	8 hours	LTI	OHS Act Section 8; General Safety Regulations 2; the project Health and Safety Specification; this Baseline Risk Assessment	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50 Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending
	R	59	Planting of fence poles	59.1	Struck by swinging pole	Safety	Failure to ensure a controlled planting of poles; Poor communication; incorrect method of planting poles; Lack of attention / concentration	Fence erection team	PM	8 hours	Medical injury	OHS Act Section 8; General Safety Regulations 2; the project Health and Safety Specification; this Baseline Risk Assessment	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; Health & Safety Specification Form 74; this Baseline Risk Assessment	TBA	Pending
	R	60	Handtools, e.g. pickers	60.1	Caught-in-between	Safety	Lack of attention / concentration; Awarded position; Inadequate hand tool inspection / maintenance	Erection team	PM	8 hours	LTI	Supervisor; Job rotation and regular work rest periods; Supervisor to ensure that tools being used are properly maintained; Ensure proper work design to eliminate awkward positions	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act	TBA	Pending
	R	61	Ergonomic hazards	61.1	Musculoskeletal disorders	Health	Awarded body position Repetitive body motion caused by bending and twisting actions; Inadequate training and underlying medical conditions; Incorrect lifting techniques; Overexertion	Construction team	PM	8 hours	LTI	OHS Act Section 8; General Safety Regulations 2; the project Health and Safety Specification; this Baseline Risk Assessment	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Health and safety Specification Form 74 Eskom's Occupational Hygiene Management Guideline PDRMAN-GL-50 This Baseline Risk Assessment; Eskom's Personal Protective Equipment Specification 240-44175132	TBA	Pending