

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 flagmen; Failure to follow instructions; Failure to conduct Occupation Hygiene surveys; Failure to provide PPE and enforce the recommendations of the OH surveys/health 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); Contractor shall appoint a competent person as flagman 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 PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance / Continuous occupational hygiene surveys; Enforce the recommendations of the OH surveys (e.g. wearing of PPE like dust masks, ear protection, etc)	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Section 8 Eskom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance CR 29 (199); Construction Vehicles & Mobile Plant;	TBA	Pending		
				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	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	NHLR; Eskom's Medical Surveillance Procedure 240-8473329;	TBA	Pending
				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 spill kits; 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	H	Mostly effective	Contractor shall develop and implement additional controls and ratify 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
Excavation / trenching	R	22	Collapse of excavation walls (cave-in);	22.1	Entrapment/engulfment of persons inside the excavation	Safety	Unstable excavation; Unsupported or unshored excavation;	Excavation team; Members of the Public; Animals	PM	8 hours	Fatality	The Contractor to submit the proposed foundation and soil type notification schedules to the Design Engineer as per Eskom Procedure 240-4172520 "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 ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Eskom Procedure 240-4172520 "The design and construction of overhead power lines" Section 6.5.1 (Excavators); Construction Regulations 13	TBA	Pending		
				23	Underground services (services pipes, electrical & telecoms 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 (log 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	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act CR 15(2)-g;	TBA	Pending
				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 into excavation.	4	B	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act CR 12 (2-4)	TBA	Pending
		25	Moving machinery (e.g. TLB);	25.1	struck by	Safety	Lack of reverse alarm on machinery; Failure to train and provide a flagman; Inadequate supervision; No log-out-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 flagmen; Supervision (ensure the moving machinery is a safe distance from the excavation); Erect barricading around excavation.	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act CR 12 (2-4)	TBA	Pending		
				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 flagmen during operations; Provide adequate supervision; Provide high visibility PPE.	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act CR 23 (1-a-ii); Eskom Procedure 39-38 Section 2.6 & 2.18	TBA	Pending
				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	Eskom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; Conduct health risk assessment and communicate hazards to employees; Provide hearing and respiratory protection, and supervise their use.	4	C	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; NHLR; Eskom's Medical Surveillance Procedure 240-8473329;	TBA	Pending
Working with Cement	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	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8; Eskom Personal Protective Equipment Specification 240-44175132 Eskom Medical Surveillance Procedure 240-8473329;	TBA	Pending		
				29	Dust Wet Cement;	29.1	Miscellaneous, Cement burns and Dermatitis	Health	Failure to conduct health risk assessment and surveys; Failure to inform employees of survey results; Failure to provide suitable PPE.	Construction team	PM	8 hours	LTI	Eskom'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 goggles, safety goggles, long PVC gloves, respiratory protection etc.	4	C	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Section 8; HCSR; Eskom's Personal Protective Equipment Specification 240-44175132; Eskom's Medical Surveillance Procedure 240-8473329;	TBA	Pending
				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		Eskom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; Identify health risk assessment surveys; Communicate survey results to employees; Communicate hazards to employees; Awareness training on correct posture techniques; Job rotation and work rest periods.	3	C	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; Eskom'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	OHS Act Sec 8; Construction Regulations 13, the project Health and Safety Specification, this Baseline Risk Assessment	3	C	H	Mostly effective	Contractor to develop excavation procedure; Contractor to appoint excavation supervisor to inspect the excavations on regular basis; Contractor to protect the excavations with solid barricading accompanied by warning signs.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; CR 12(2-f)	TBA	Pending		
				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 flagmen; 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)(f); Health and Safety Specification Form 74 (Construction Vehicles and Mobile Plant); Eskom's Occupational Hygiene Management Guideline PDPMAN-GL-50, Section 4.4.2.1 on Medical Surveillance; 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.	5	C	H	Mostly effective	Contractor shall appoint competent operator; Contractors shall ensure reverse hoist is installed on the machinery; Contractor shall ensure a flagman is designated; Contractor shall ensure effective health 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.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act Health & Safety Specification Form 74, Construction Regulations 23	TBA	Pending
				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	OHS Act Sec 8; Construction Regulations 24; the project Health and Safety Specification, this Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall appoint a competent operator; Contractor to conduct equipment risk assessment and communicate results & recommended controls thereof to the operator.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act	TBA	Pending
		34	Trower Machine	34.1	Repetitive strain injuries	Safety	Prolonged use of wacker machine; Inadequate training for operators; Use of compaction equipment without suitable and adequate PPE	Wacker operators	PM	8 hours	LTI	OHS Act Sec 8; General safety Regulations 2; the project Health and Safety Specification, this Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act	TBA	Pending		
				34	Exposure to radiation	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 trower; Contractor shall determine the level of radiation emitted by the trower; Post signage and demarcate the area where the trower is being used; Provide direct supervision; Work rotation; Provide awareness on the trower during trower tasks.	4	B	H	Mostly effective	Contractor shall develop and implement additional controls and ratify post implementation of these additional controls.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act HCSR	TBA	Pending
				35	Open Excavations	35.1	Collapse of excavation walls	Safety	Soft and unstable excavation walls Unsupported or unshored/weak excavation walls.	Foundation and other relevant teams	PM	8 hours	Fatality	OHS Act Sec 8; Construction Regulations 9; Health and Safety Specification and this Baseline Risk Assessment	5	C	H	Mostly effective	Contractor shall ensure soil study before excavation; Contractor shall ensure that weak and soft excavation is effectively stabilized and supported e.g. bracing, shoring, battering, etc.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; Construction Regulations 13; this Baseline Risk Assessment; The project Health and Safety Specification	TBA	Pending
Foundations Works (6.3) Main bases, equipment bases, ladder support foundations, floodlights and earthwire supports)	R			35.2	Falling into	Safety	Unbarricaded open excavations; 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, this Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall ensure that solid barricades accompanied by warning signs are installed around the excavations.	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; Construction Regulations 13; this Baseline Risk Assessment; The project Health and Safety Specification	TBA	Pending		
				35.3	Accumulation of natural gasses leading to asphyxiation to operators	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, this Baseline Risk Assessment	4	C	H	Mostly effective	Contractor shall ensure that continuous oxygen tests are performed before and during works in the excavation	Eskom Inspections and Audits on Contractor	PM/Construction manager/supervisor	OHS Act; Construction Regulations 13; this Baseline Risk Assessment; The project Health and Safety Specification	TBA	Pending

Reinforcement (rebar) installation	R	73	Rebar works (Manual work/handling)	73.1	Injury to hands/fingers (cuts & pinches)	Safety	Sharp ends of the rebar; Wires; cutting tools e.g. pier	Construction team	PM	8 hours	LTI	OHS Act Sec 8: the project Health and Safety Specification	4	B	H	Mostly effective	Contractor shall conduct adequate risk assessment to identify all hazards & inform employees of the associated risks and how to control/mitigate them	Eskom Inspections and Audit on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8: Construction Regulations 9; Eskom's Personal Protective Equipment Specification 240-64178132	T&A	Pending
				73.2	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	4	B	H	Mostly effective	Contractor shall adopt and maintain good housekeeping practice	Eskom Inspections and Audit on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8: Construction Regulations 9; Eskom's Personal Protective Equipment Specification 240-64178132	T&A	Pending
				73.3	Muscle injuries/backaches	Safety	Awkward 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	4	C	H	Mostly effective	Contractor shall adopt and practice good ergonomic regimes; Contractor shall use mechanical means for carrying/lifting heavy rebars; Contractor shall provide training to his employees on good lifting/carrying techniques.	Eskom Inspections and Audit on Contractor	PM/Construction manager/supervisor	OHS Act Sec 8: Eskom Occupational Hygiene Management Guideline (OP/MAH-GL-50); Eskom Personal Protective Equipment Specification 240-64178132	T&A	Pending
Interaction between persons	R	74	COVID 19 (Corona Virus)	74.1	Cross infection	Health	Closing into contact with an infected person / contaminated surface; Contact with airborne particles; Lack of awareness on the disease; Poor hygiene practices	Construction team	Responsible Managers & all employees	8 hours	Epidemiological treatment case	Public Health Act 61 of 2007 (PHSA); Eskom Emergency Protocol activated; Work from home; Home/ Hospital quarantine; Restrict unnecessary visits / contacts; Avoidance of crowds	4	C	H	Mostly effective	External medical services (Public and private); Hand and surface sanitiser	Statistics from Health and Wellness; NCS: National Centre for Infectious Diseases	Responsible Manager	Outbreak, Pandemic or Epidemic; Disaster Response Plan; Disaster Management Act 57 of 2002	T&A	Pending
Voltage transformers																						
Check for equipment manual	N	19	Improper assembly	19.1	Defective equipment	Safety	Lack of concentration compliance to procedures inadequate supervision inadequate inspection	Civil team	PM	8 hours daily	Fatality	SHE Specification Form 74	5	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
Connect Stern	N	20	Hand tools	20.1	Contact with	Safety	Lack of concentration compliance to procedures inadequate supervision inadequate inspection inadequate experience/training	Civil Team	PM	8 hours daily	Medical Incident	SHE Specification Form 74 Eskom Personal Protective Equipment (240-64178132) SANS 1200 ALL PARTS Project specific drawings	3	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
Sling first part of the CVT. Lift up. Connect to middle part. Lift complete CVT, connect to base and secure	N	21	Deviation from approved lifting methodology	21.1	Falling material / Failure of equipment / tackle	Safety	Incorrect slinging Exceeding load limits inadequate inspection inadequate training Lack of supervision	Operators Riggers Erection team Bystanders	PM	8 hours daily	Fatality	SHE Specification Form 74 Medical Surveillance Procedure (240-64733320) Safe use of lifting machines and lifting tackles (20-98) Employee's right of refusal to work in an unsafe situation Procedure (240-43648327)	5	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Improper use of equipment operator(s) (Applicable to all substation work)	21.2	Loss of control of equipment / Falling material	Safety	Inadequate training / experience Lack of supervision Underlying medical condition	(Applicable to all substation work)	PM	8 hours daily	Fatality	SHE Specification Form 74 Medical Surveillance Procedure (20-282) Safe use of lifting machines and lifting tackles (20-98) Project specific drawings SANS 1200 ALL PARTS Employee's right of refusal to work in an unsafe situation Procedure (240-43648327)	5	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Suspended load	21.3	Exposure to falling objects / Falling from height	Safety	Failure of lifting equipment Improperly secured load Elevated position inadequate training	Erection Team Bystanders	PM	8 hours daily	Fatality	SHE Specification Form 74 Medical Surveillance Procedure (240-64733320) Safe use of lifting machines and lifting tackles (20-98) Project specific drawings SANS 1200 ALL PARTS Employee's right of refusal to work in an unsafe situation Procedure (240-43648327)	5	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Unstable terrace / platform	21.4	Crane overturn	Safety	Sinking terrace Poor construction Fill material used not according to specification inadequate method statement or Non-compliance to method statement	Operator Riggers Bystanders	PM	8 hours daily	Fatality	Mandatory SHE Specification to be met by contractors and suppliers during rehabilitation and construction (PCP/MAH-SF-001) SANS 1200 ALL PARTS Project specific drawings	5	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
Earth wire																						
Drums placement and storage	N	32	Rotten Drums	32.1	Collapsed drums	Safety	Untreated wood Wood rot Improper storage	Installers Bystanders Crane operators	PM	8 hours daily	LTI	SHE Specification Form 74 Safe use of lifting machines and lifting tackles (20-98)	4	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Unsecured Drums	32.2	Drums may roll over	Safety	Step blocks / Wedge / Chocks not in place Uneven surface	Installers Bystanders	PM	8 hours daily	Fatality	SHE Specification Form 74 Safe use of lifting machines and lifting tackles (20-98)	5	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
Place drums on cable Jacks	N	33	Unsecured Drums	33.1	Drums may fall from jacks	Safety	Incorrect Lifting techniques Uneven surface	Installers	PM	8 hours daily	LTI	SHE Specification Form 74 Safe use of lifting machines and lifting tackles (20-98)	4	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Jack Failure	33.2	Jack and drum collapse	Safety	Exceeding safe workload Lack of Inspections / maintenance Uneven surface Incorrect Lifting techniques Defective jacks	Installers Bystanders	PM	8 hours daily	LTI	SHE Specification Form 74 Safe use of lifting machines and lifting tackles (20-98)	4	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
Remove cover material (Wood)	N	34	Fragmented Wood splinters	34.1	Contact with splinters	Safety	Lack of PPE; Lack of concentration	Installer	PM	8 hours daily	Medical Incident	SHE Specification Form 74 Medical Surveillance Procedure (240-64733320) Safe use of lifting machines and lifting tackles (20-98)	3	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Protruding nails	34.2	Stepping on nails	Safety	Incorrect PPE Lack of concentration Poor housekeeping Non-Compliance to Procedure inadequate Risk assessment	Installer	PM	8 hours daily	Medical Incident	SHE Specification Form 74 Eskom Personal Protective Equipment (240-64178132)	3	C	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
Dismantling old busbars and install new busbars / isolators / breakers	N	41	Cherry Picker	41.1	Equipment failure	Safety	Improper maintenance; Failure to train operator; Inadequate supervision; Inadequate safe work procedure; Inadequate risk assessment;	Installation team	PM	8 hours daily	Fatality	Eskom Work at Height Procedure; Proper training of operators; Adequate supervision; Develop adequate safe work procedure; Conduct adequate risk assessment	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		
			Working in close proximity to live equipment	41.2	Electrical contact	Safety	Failure to identify and observe safety clearance; Failure to barricade; Inadequate earthing; Inadequate communication between PDP Project Team and Distribution / Transmission; Inadequate PPE; Inadequate training; Deviation from permit to work process; Inadequate formal risk assessment and failure to communicate effectively prior to work commencement; Unauthorized / responsible persons permitted to apply and remove a portable working earth; Improper positioning of portable earths relevant to the work not scrutinised and if they interfere with the work area, be reported to the authorised responsible person prior to commencement of work. Only the Engineering Assistant (EA) may remove / relocate the control earths. Be your brother's keeper	Installation team	PM	8 hours daily	Fatality	Identify and observe safety clearance; Erect effective earthing; Install adequate earthing; Ensure adequate communication between PDP Project Team and Distribution / Transmission; Provide adequate PPE; Provide adequate training on Eskom's CRHS and provide adequate supervision; Inadequate safe work procedure; Inadequate risk assessment; Training on permit to work process; Adequate formal risk assessment and communication prior to work commencement; Authorised / responsible persons only to apply and remove a portable working earth; Proper positioning of portable earths relevant to the work area, be reported to the authorised / responsible person, prior to commencement of work. Only the Engineering Assistant (EA) may remove / relocate the control earths. Be your brother's keeper	5	B	H	Mostly effective	Contractor shall develop and implement additional controls and rating post implementation of these additional controls.	Eskom Inspections and Audit on Contractor		OHS Act, Act 85 of 1993 and its Regulations		

