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25		N	25	Trucks throwing Debris	25	Property damage like cracks, chips or broken windows	Safety	Employees	Following the truck too close	PAS Manager	Once a Month	Property damages	Avoid tail gating Undivided attention/ concentrating on the road Pre-tip inspections. Training (e.g. K53, first aid training). Reporting any damage, no matter how small to Management immediately Buckle up always	3	B	W	Mostly effective	Situational road awareness	Vehicle pedions and incident registers	Site Manager	Eastern Driver safety procedure 30-345, National Road traffic Act, Construction Regulation 23.	2022-2023 financial period	In Progress
26		N	26	Put holes	26	Property damage e.g. burst or damaged tyres / lost wheel covers and other loose material	Safety	Employees	Not obeying road signs and paying attention to the road	PAS Manager	Once in two Months	Property damages	Situational road awareness. Observe speed limit, reduce speed if road full of potholes. Undivided attention/ concentrating on the road Pre-tip inspections	3	B	W	Mostly effective	Communicate the driver safety procedure/Isalom Driver safety procedure 30-345	Fleet report	Site/Construction Manger	National Road Traffic Act 93 of 1996, EBODM Procedure 30-345 Vehicle safety and transportation management, and occupational health and safety act 85 of 1993 CR 23.	30/03/2023	Pending
27		N	27	Unsurey drivers	27	Crashing into other road users	Safety	Employees	Not following the rules of the road	PAS Manager	Daily	Fatalities	Avoid road rage Keep to the speed limit Wear the safety belt Wait for the right of way to be given by the other driver. Observe all road signs	2	B	IV	Fully Effective	Conduct incident recalls and communicate the lessons learnt	Vehicle Inspections	Construction manager	SHEQ Communication, Participation and Consultation 3.2.1	30/02/2023	In Progress
28		N	28	Driver Fatigue	28	faling asleep while driving	Safety	Employees	Not getting adequate rest	PAS Manager	Once a Month	Fatalities	Awareness on fatigue management,Install drive cams on the company vehicles	2	C	W	Mostly effective	Communicate the driver safety procedure, Awareness on fatigue management	visual inspections	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/02/2023	In Progress
29		N	29	Overspeeding	29	Injuries and property damage	Safety	Employees	Driver not adhering to the speed limit	PAS Manager	Once a Month	fatalities	Set the speed limit to 20 onsite , road signs and speed limits ,there to the Pre-use inspection to be conducted by the appointed vehicle /plant operator Operation of vehicle /plant to be operated only by authorised competent personnel All driving/operation competency document should be available before any operation can be conducted	2	B	W	Fully Effective	incident registers, speeding violation reports	Audits,inspections	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending
30	SHE Induction	N	30	Not adhering to the company's code of conduct	30	Property Damage	Safety	Employees,Contractors and Visitors	Being exposed to Unknown risks	PAS Manager	Once a month	Fatalities	Employees should be inducted on the company's code of conduct to be followed. Applicable regulation and acts to be made available displayed and communicated to employees. Rules and responsibilities of employees and employers to be communicated	2	C	W	Mostly effective	awareness training	Audits,inspections	Construction manager	Occasational health and safety Act 85 of 1993 Section 13 SHEQ Communication, Participation and Consultation Work Instruction 3.2.1 ,	30/03/2023	Pending
31	Site medical entry	N	31	Employees not fit for duty	31	fatality, trauma	Health	Employees,Contractors	Failure to identify hazards pertaining to work hazards and employees underlying conditions	PAS Manager	Once a year	Fatalites	All employees to go for their medical surveillance and be certified fit for duty before commencing with the task. The medical should be renewed periodically	2	B	IV	Mostly effective	Audits	Medicate Monthly notifications and Audits	Construction manager	Medical surveillance requirements for employees work instruction 240-14022449 procedure	2022-2023 financial period	Pending
32	Site access	R	32	Unauthorised entry	32	Property damage,Theft	Safety	Employees,Contractors and Visitors	Poor site entry control	PAS Manager	Daily	loss of Property	Place security guard at each site's entry to control access entry All entry to the construction site to be authorised at the security gate	2	B	IV	Mostly effective	Site entry control measures	Inspections and Audits	Construction manager	Occasational health and safety Act 85 of 1993, Section 13 SHEQ Communication, Participation and Consultation Work Instruction 3.2.1	2022-2023 financial period	Pending
33		R	33	Vehicle interaction with people	33	Drivers may swerve off the road leading to serious bodily injury	Safety	Employees , contractors ,visitors and the public members	Driver not adhering to the speed limit and road signs	PAS Manager	Daily	Fatalities	Demarcated pedestrian walkway High visibility PPE to be Worn at all times onsite.Road signs and speed limits in place, authorised operators, vehicles inspections	2	C	W	Mostly effective	BBO's	Inspections and Audits	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	Pending
34	Mobile plant LDV operations	R	34	Using a cell phone	34	Property damage e.g. burst or damaged tyres / lost wheel covers and other loose material	Safety	Employees , contractors ,visitors and the public members	Not adhering to the site rules and procedures	PAS Manager	Daily	fatalites	Induction done with flagman and Operator that stipulates that no using of cell phone while doing your daily duties, install drive cams in the company vehicles	3	B	W	Mostly effective	BBO's	Inspection	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	Pending
35		N	35	No spotter or flagman are on site during the use of mobile machinery & equipment	35	Operators are unaware of impending dangers whilst operating mobile plant & machinery. Vision obscured by plant/ blind spots.	Safety	Employees , contractors ,visitors and the public members	Insufficient flagman/ladies appointed for the volume of mobile plant & machinery	PAS Manager	As and when requested	Fatality	Employees to wear reflective PPE, safety sign for it when issued and record thereof to be kept onsite, flagman to be available for when trucks are delivering and collecting material from site.	2	B	IV	Fully Effective	Traffic management plan,	Audits,inspections,BBO's	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	Pending
36		R	36	Flagman giving wrong signals	36	Crashing leading to serious injuries/fatality	Safety	Employees,Contractors and Visitors	uncontrolled movement of plant	PAS Manager	daily	fatality, property damages	Task specific risk assessment must be done daily covering all the activities for the day Flagman to be have a formal training and induction, Only trained personnel to do the training No horse play	2	B	IV	Mostly effective	BBO's Observation, Planned Task Observation,Supervision	Auditing , inspections	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	Pending
37		N	37	Unattended mobile plant,LDV	37	Property Damage	Safety	Employees , contractors ,visitors and the public members	Driver or Operator not securing the plant or vehicle when parking	PAS Manager	Daily	Property damages	Stop blocks to be put behind the wheels and take out the key off the ignition when the vehicles are parked. Supervisor to ensure that procedure is followed at all time onsite. Plant inspections to be conducted prior operating to ensure that all necessary equipments are in place and plant is good working condition	2	B	W	Mostly effective	Risk assessment must be done and communicated, inspection by the supervisor and the SHE Representative must be conducted	BBO's ,Audits	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	Pending
38			38	Incompetent operator	38	Injuries, death, and property damage	Safety	Employees,Contractors and Visitors	Unauthorised person operating the Plant,LDV	PAS Manager	Daily	fatalities, Property Damage	Operators to undergo the K53 assessment at ERI assessors Competencies to be checked and kept on file Mobile plant and vehicles to be kept locked when not in use Only authorised person to operate or drive	2	B	IV	Fully Effective	No additional controls required	Audits and inspections	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	In Progress
39		R	39	Mobile plant collision	39	property damage	Safety	Employees	Poor traffic management	PAS Manager	Daily	fatalities	Appoint competent operators. Traffic management communicated , discussed and implemented Appoint a trained flagman	2	B	IV	Mostly effective	Supervision	Audits and inspections	Construction manager	Occupational health and safety Act 85 of 1993 Construction Regulation 23, Vehicle and Driver Safety Management Procedure 240-62946386	30/03/2023	In Progress
40			40		40																		
41	Manual Handling	N	41	Faulty hand and electrical tools	41	Termination of disciplinary action, harassment of contract, Personal injuries possible death and property damage	Health	Employee, Contractors and Visitors	Defective equipment's	PAS Manager	Daily	Personal injuries	Equipment inspected monthly before issued out and before being used. Equipment issued out on issue register /tools and equipment numbered and all damaged tools placed in a quarantine area and identified as not to be used. Supervisor to ensure compliance and to be discussed in toolbox talk	3	B	W	Mostly effective	Inspections	Inspections records and Audits	Construction manager	Occupational health and safety Act 85 of 1993 electrical insulation regulation	Duration of project	In Progress
42	Manual Handling	N	42	Snakes and insects	42	Bites	Safety	Employees , contractors ,visitors and the public members		PAS Manager	once in six months	Fatality	Material stored off the ground surface as to ensure employees can look under material to ensure no snakes or insects is under the material before lifting. Employees to wear their full PPE at all times.	4	B	W	Mostly effective	Daily risks assessment of the work area, inspection	Audit's and inspections	Construction manager	Environmental aspects and impacts (Environmental Aspects and Impacts, Occupational Health and Safety Hazard Identification Risk Assessment Procedure 240-94027465 rev 3	Duration of project	In Progress
43	Manual Handling	R	43	Improper stacking and storage	43	People knocked off by vehicles, injuries , possible death and property damage	Safety	Employees, Contractors and Visitors	Collapsing stack and protruding material	PAS Manager	Daily	Personal injuries	Appoint a stacking and Storage Supervisor Material to be stored 3 times the width of the vase of the material stored walkways of 500m to be between all material stored onsite	3	B	W	Mostly effective	Inspections ,SMAAT	Audits and inspections	Construction manager	Occupational health and safety Act 85 of 1993 General safety regulation 8.1	Duration of project	In Progress
44	Manual Handling	R	44	Improper housekeeping	44	Injuries ,fatality and property damage	Safety	Employees, Contractors and Visitors	Untidy work area	PAS Manager	Daily	Personal injuries	Housekeeping to be done daily while employees are working in their working areas, stacking and storing area to be properly barricaded at all times with warning signs to indicate that the area is used as a strong area walk way of 500m to be in between material and to be kept clean Supervisors to ensure compliance and to be discussed in toolbox talk	3	B	W	Mostly effective	inspections	Inspections records	Construction manager	Occupational health and safety Act 85 of 1993 Environmental regulation (6)	Duration of project	In Progress
45	Manual Handling	R	45	Nip Points	45	Property damage , injuries and even fatalities	Safety	Employee and Contractors	Sharp Edges	PAS Manager	Daily	Hands and Finger Injuries	Employees to use their leather gloves that have been issued to them on PPE register. To be discussed in toolbox talk, risk assessment and Supervisor to ensure compliance ,damaged gloves will be replaced immediately. Employees to communicate with one another when lifting or placing material on the ground.	4	B	W	Mostly effective	No additional controls required	inspections	Construction manager	Environmental aspects and impacts (Environmental Aspects and Impacts, Occupational Health and Safety Hazard Identification Risk Assessment Procedure 240-94027465 rev 3	Duration of project	In Progress
46	Truck mounted crane activities	R	46	Incompetent Operator	46	Bumping employees and property	Safety	Employees and Contractors	Unsafe Operating of the truck Mounted Crane	PAS Manager	Daily	fatalities	The Operator must be appointed, Trained and Competent. Employees to keep clear of the truck mounted crane during operations. Ensure that the operator has seen you before approaching Risk assessment must be done by the competent operator	2	B	IV	Mostly effective	None	BBO's and Audits	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	
47		R	47	High speed travel	47	Unauthorised operation, employee run over and property damage	Safety	Employees, Contractors and Visitors	Incompetent operator	PAS Manager	Twice a week	fatality	Always operate at a safe working speed Avoid jolking of a crane to prevent swinging of the load. Crane to operate by a trained competent person Load loads to be lightens to balance and transport the load, barricade the lifting and drop zone , the competent rigger to direct the crane operator, Direct supervision	2	B	IV	Mostly effective	Planned Task Observations , BBO	Inspections and Audits	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending
48		N	48	Crane not isolated and locked	48	Injuries , fatalities and Property damage	Safety	Employees,Contractors and Visitors	Procedure not followed	PAS Manager	Once a month	fatality	The crane operator to ensure that the crane is always locked out to ensure that no tampering with a crane will take place	2	B	IV	Mostly effective	No additional controls required	Inspections and BBO's	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending
49		N	49	Exceeding the maximum capacity of the crane	49	Crane stability affected, Falling of load crane. Severe injuries or fatality property damage	Safety	Employees	failure to follow the crane	PAS Manager	Once a year	Property damages	The cane maximum capacity must be displayed, competent operator to operate the crane, only qualified rigger or operator may attach the load onto the sling crane must be loadtested yearly. Pre use inspection must be conducted on the crane	2	B	IV	Mostly effective	Direct Supervision,	SHEQ Audits , and inspectors	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending

50		N		Adverse weather conditons	50		50	Bruises and scratched legs	Safety	Employee and Contractors	Poor Visibility	PAS Manager	Once in 6 months	Fatalities	Crane shall not be used under weather conditions likely to endanger its stability, or affecting its safe operations Before a crane is taken into use after being exposed to harsh weather conditions the crane shall be tested by a competent person to ensure to stability of the crane	2	B	IV	Fully Effective	Direct Supervision,	Audits and inspections	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending	
51		N		Strong winds	51		51	Injuries and property damage	Safety	Employees and Contractors	Instability due to strong winds	PAS Manager	Once in six months	Fatalities	In relatively light wind conditions avoid handling load presenting large wind catching surfaces Cranes should not be operated in wind speed that are in excess of those of specified in the operating instructions for the crane, no crane shall be operated when the wind is strong	2	B	IV	Mostly effective	Direct Supervision, BBO's	BBO's and Audits	Construction manager	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending	
52		N		Rainy weather	52		52	Property damage Trip and falls	Safety	Employees	Slippery surfaces, uneven surfaces	PAS Manager	Seasonal	Fatality	Stop activities when it is raining, assess the work area after rain to ensure that it is safe to continue	2	B	IV	Mostly effective	Direct Supervision	Inspections and Audits	Construction Manager appointed	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/06/2023	Pending	
53	Use and Storage of Flammable Materials	N			53		53	Burns by chemicals	Safety	Employees	Improper handling of chemicals	PAS Manager	Once a Month	Skin irritation	SDS training for employees, Ensure correct use of PPE for specific chemicals	2	B	IV	Mostly effective	None	BBO's and Audits	Construction Manager appointed	REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021 11, 14A, City of Johannesburg Metropolitan Emergency Services by law chapter 5 (46) ERH hazardous Material Management procedure 240-94027483 (3.7	30/06/2023		
54		N		Fire	54		54	Flammable chemicals catching on fire	Safety	Employees, Contractors and Visitors	Not handling chemicals a per the prescribed manner by the manufacture	PAS Manager	Once a month	Fatalities	No smoking in or near the flammable stores and there should be signage's to indicate no smoking in these areas. Firefighting equipment readily available, chemicals to be handled in line with the SDS guidelines from the supplier	2	B	IV	Mostly effective	Toolbox talk on handling of hazardous chemicals	BBO's , Audit and inspections	Construction Manager appointed	REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021 11, 14A, City of Johannesburg Metropolitan Emergency Services by law chapter 5 (46) ERH hazardous Material Management procedure 240-94027483 (3.43.7.1	30/03/2023		
55		N		Toxins	55		55	Inhalation of toxic fumes can lead to respiratory diseases	Health	Employees	Improper handling of chemicals	PAS Manager	Once a month	Fatalities	SDS training for employees There should be a restricted access control for the flammable stores Ensure correct use of PPE for specific chemicals (e.g. mask)	2	B	IV	Mostly effective	PPE Training	BBO's Observation and Audits	Construction Manager appointed	REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021 11, 14A, City of Johannesburg Metropolitan Emergency Services by law chapter 5 (46) ERH hazardous Material Management procedure 240-94027483 (3.7	30/03/2023		
56	Painting	N		Paint wet floors	56		56	Baricaded areas being openly exposed Trip and fall injuries and property damage	Safety	Employees	Poorly Maintained work area	PAS Manager	Once a year	Last time injury	Always practice good housekeeping All spills should be cleaned up immediately to prevent falls Spill response kit to be available and the team must be trained. Wet floors safety signs to be placed strategically near the wet area	2	B	IV	Mostly effective	None	BBO's Observation and Audits	Construction Manager appointed	REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021 11, 14A, City of Johannesburg Metropolitan Emergency Services by law chapter 5 (46) ERH hazardous Material Management procedure 240-94027483 (3.8	30/03/2023		
57	Painting	N		Paint	57		57	Coming to contact with paint	Health	Employees, Contractors and Visitors	Improper handling of Paint , not adhering to the SDS	PAS Manager	Once a year	Skin irritation	Train employees on the use of SDS Painters to wear appropriate PPE which has been signed for on the PPE issue register	2	B	IV	Mostly effective	None	BBO's Observation and Audits	Construction Manager appointed	REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021 11, 14A, City of Johannesburg Metropolitan Emergency Services by law chapter 5 (46) ERH hazardous Material Management procedure 240-94027483 (3.9	30/03/2023		
58	Forklift Operations	R		Incompetent Operator	58		58	Bumping employees and property	Safety	Employees, Contractors and Visitors	Unsafe operating of the Forklift , uncontrolled access	PAS Manager	Daily	Property damages, fatality	The Operator must be appointed, trained and Competent Employees to keep clear of the truck mounted crane during operations. Ensure that the operator has seen you before approaching Risk assessment must be done by the competent operator	2	B	IV	Fully Effective	None	BBO Observation	Construction Manager appointed	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023		
59					59		59	Operating a defective Forklift	Safety	Employees, Contractors and Visitors	Operating a defective Forklift	PAS Manager	Daily		Inspect the forklift daily prior use, service the forklift at the prescribed intervals by the manufacture , Forklift to have the annually renewed load test certificate	2	B	IV	Fully Effective	None	Audit, Inspection	Construction Manager appointed	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023		
60	Forklift Operations	R		Forklift	60		60	Bumping the employees and by standers	Safety	Employees , contractors visitors and the public members	Operating without a flagman	PAS Manager	Daily	Fatality	Employees to stand clear from loading operations. Forklift operator to drive slowly and to be aware of his surroundings. Fork to be lowered and not to be in mind while driving. Operator to be always operate under the assistant of the flagman	2	B	IV	Mostly effective	Risk assessment must be done and communicated, inspection by the supervisor and the SHE Representative must be conducted	BBO's and Audits	Construction Manager appointed	National Road Traffic Act 93 of 1996, Vehicle and driver safety management 240-62946386 and Occupational health and Safety Act 85 of 1993 Construction Regulation 23.	30/03/2023	Pending	
61	Illumination	R		Insufficient Illumination	61		61	Eye strain, poor vision	Health	Employees, Contractors and Visitors	Failure to provide adequate lighting	PAS Manager	Daily	loss of vision	Occupational survey must be conducted and report action plan be implemented, Occupational Hygiene survey and report actions to be implemented, Maintenance schedule of faulty lights	2	B	IV	Mostly effective	Risk assessment	Audits and inspections	Construction Manager appointed	Environmental Regulations for workplaces 3	30/03/2023	Pending	
62	Working in high noise areas	N		Excessive Noise level > 85dB	62		62	Noise induced hearing loss	Noise induced hearing loss	Noise induced hearing loss	Noise induced hearing loss	PAS Manager	Noise induced hearing loss	Hearing loss	Employees to wear ear protection as pointed out in plant and other designated noise zones. Annual medical surveillance. Occupationally exposed worker with known restriction, will be enrolled in the hearing protection program. Monthly PPE inspection. Awareness by means of Induction Training and Toolbox Talks. Job Specific HRA, ear muffs are issued to employees exposed to extreme level of noise	3	B	II	Mostly effective	Regular awareness training are done and Noise surveys are conducted every 2 years. Request for noise survey to be conducted	Annual medical surveillance	Construction Manager appointed	Occupational health and safety Act 85 of 1993 NHA, Reg 7, Signage in areas and Task risk assessment. Hearing protection will be indicated in every statement Hygiene, surveys and report. Noise Induction	30/03/2023	Pending	
63	Working in high temperature areas	N		Exposed to High Temperatures	63		63	Heat stress / Dehydration / Sunburn	Health	Employees	Failure to implement recommendations of hygiene surveys	PAS Manager	Daily 5 hours	Heat stress / Dehydration / Sunburn	Keep hydrated to avoid heat stress (Drink 600ml water per hour). Limit exposure to high temperatures by taking frequent short breaks, if possible move to a cooler area and rest. Buddy system to be employed to monitor co-workers. Employees working in the sun are to wear hat/shirts in order to prevent sunburn.	2	B	IV	Mostly effective	Conduct awareness on adverse heat conditions	Visual observation, BBO's	Construction Manager appointed	OHS Act 85 of 1993 sec 8 and 14 Environmental regulation, Task risk assessment, Hygiene surveys and report, Noise Induction	Duration of project	In Progress	
64	Working in Cold areas	N		Low Temperatures	64		64	Cold stress	Health	Employees	Failure to implement recommendations of hygiene surveys	PAS Manager	Between June to September	Cold stress / Sprains / Strains	Wear warm clothing to avoid getting cold. Stretch before attempting manual labour in cold conditions to avoid to prevent muscle spasms and strains.	2	B	IV	Mostly effective	Conduct awareness on adverse cold conditions	Visual observation, BBO's	Construction Manager appointed	OHS Act 85 of 1993 sec 8 and 14 Environmental regulation, Task risk assessment, Hygiene surveys and report.	2022 -2023 financial period	In Progress	
65	Using of ablution facilities	R		Dirty Toilets	65		65	Infection / Bacteria & Viruses	Health	Employees	Poor hygiene habits	PAS Manager	Daily 15 minutes	Infection / Bacteria & Viruses, if health	Awareness by means of Induction Training and Toolbox Talks. Toilets are cleaned at least two times a week, if you press = Clean.	2	B	IV	Mostly effective	Awareness on hygiene, Conduct health risk assessment	Visual observation, BBO's	Construction Manager	Facilities Regulation 9, Basic Conditions of Employment Act 75 of 1997 and Client SHE specifications	2022 -2023 financial period	In Progress	
66	Maintaining personal hygiene	R		Poor Personal Hygiene	66		66	Skin Irritation / Bacteria & Viruses / Smell	Health	Employees	Poor hygiene habits	PAS Manager	Daily	Skin Irritation / Bacteria & Viruses / odor	Awareness by means of Induction Training and Toolbox Talks. PPE to be washed regularly. Good personal hygiene habits.	2	B	IV	Mostly effective	Awareness on hygiene, Conduct health risk assessment	Visual observation, BBO's	Construction Manager	Environmental regulation 3, Basic Conditions of Employment Act 75 of 1997 and SHE specifications	2022 -2023 financial period	In Progress	
67	Working in poor illuminated area within the changing environment of the power station	R		Poor Illumination	67		67	Slip trip and Falls	Safety	Employees	Maintenance of defective lights	PAS Manager	Daily 5 hours	Minor to serious injuries	Temporary lighting to be employed where required as no work will be allowed in the dark. If there is a need for work to be completed at night, Site Manager will ensure that there is sufficient lighting. Headlamps, Job Specific HRA.	2	B	IV	Mostly effective	Adhere to existing control	Visual observation, BBO's	Construction Manager	Environmental regulation 3, Basic Conditions of employment act, Client SHE Spec and Task risk Assessment	2022 -2023 financial period	In Progress	
68	Working at heights	N		Elevated position	68		68	Employees can fall from height	Safety	Employees	1. No harnesses or attachment points available. 2. Non-compliance to hook up at heights rule. 3. Untrained employees utilized for working in elevated positions	PAS Manager	Weekly 3 hours	Last time injuries	Appoint Fall Protection Planner. Only employees who received working at heights and rescue training with valid training certificates (FAS Training) will be allowed to work at height. Only employees who are medically fit and who were issued with a valid fit to work at height medical certificate will work at height and only employees whose names appear on the current working at height permit may work at height. Complete, Implement and communicate Fall Protection Plan, Buddy System, Pre-Use Visual Inspection of Equipment. Monthly FAS Equipment Inspections. Hook up when working at height. Job Specific HRA, Ongoing awareness by means of Induction Training and Toolbox Talks.	4	B	II	Mostly effective	Awareness training to be done on working at heights.	Audits, Monitoring medical tracker	Construction Manager	OHS Act 85 of 1993 Sec 8.14, CR 10, Client SHE Specifications, Working at heights standard 32-418 and Task risk assessment	Duration of project	In Progress	
70	Use of step ladder	N		Defective step ladder	70		70	Minor to serious injuries	Safety	Employees	Step ladder not secured and also not safe for use.	PAS Manager	Weekly 2 hours	Minor to serious injuries	Ladder inspector appointed. Ladders will be held by an assistant while work is performed from the ladder. Employees must not stand on the top rung of the ladder. Extension ladders must be secured to prevent falling when applicable by using a rope to tie the ladder at the top. All ladders to be inspected on a monthly basis and if damaged ladders shall be marked unsafe for use and removed from service. Non-conduct ladders shall be used on site to perform electrical work. Job Specific HRA, Ongoing awareness by means of Induction Training and Toolbox Talks.	2	B	IV	Mostly effective	Awareness training to be done on working at heights	Inspections, BBO's	Construction Manager appointed	OHS Act 85 of 1993 Sec 8.14, CR 10, Client SHE Specifications, Working at heights standard 32-418 and Task risk assessment	Duration of project	In Progress	
71	Working at heights	N		Falling Objects	71		71	Objects falling onto employees below	Safety	Employees	Drop zone not designed nor barricaded, open not used to lower or lift objects and material	PAS Manager	Weekly 3 hours	Serious injury	Barricading shall be in place when working at height. Employees must lower tools to the ground, no throwing tools / materials from height. Head protection must be worn at all times where work at height is done (Hard Hat & Chin Strap). Good Housekeeping required when working at height.	5	C	II	Mostly effective	Awareness on falling objects	Visual inspections and BBO's	Construction Manager appointed	OHS Act 85 of 1993 Sec 8.14, CR 10, Client SHE Specifications, Working at heights standard 32-418 and Task risk assessment	Duration of project	In Progress	
72	Walking on Site	R		Open Gratings / Floor Voids / Damaged Trench Covers / Uneven Ground / Slippery Surfaces	72		72	Slipping, tripping and falling	Safety	Employees/Visitors/Contractors	Failure to check or observe when walking. Walking whilst talking on the phone. Not paying attention to surroundings. Poor Housekeeping	PAS Manager	Daily 9 hours	Serious injury	Job Specific HRA, Obey Barricading. Never open gratings without appropriate barricading being in place and having the appropriate fall protection equipment at hand. Report openings found in gratings, open floor voids, damaged trench covers and slippery surfaces. Be alert at all times, look where you are going to avoid stepping into unguarded openings. Do not jump over water puddles whilst trying to prevent slipping and falling. Do not text or talk on your phone whilst walking	3	B	II	Mostly effective	Conduct awareness training on using your phone whilst walking or driving	BBO's	Construction Manager appointed	OHS Act 85 of 1993 Sec 8.14 and CR 10, Client SHE Spec, Exclusion Induction and Task risk assessment	Duration of project	In Progress	
73	Walking on Site	R		Plant and Vehicles	73		73	Struck by vehicles or plant	Safety	Employees	Failure to walk in designated areas	PAS Manager	Daily 9 hours	Serious injury	Cross over Zebra crossing only. Observe before crossing. Wear reflective clothing. Walk within designated areas Do not stand on or climb over guard rails.	4	B	II	Mostly effective	Visitors Induction and SHE Induction	Inspections	Construction Manager appointed	OHS Act 85 of 1993 Sec 8.13.14, Client SHE Spec, Exclusion Induction and Task risk assessment	Duration of project	In Progress	
74	Ascending and Descending steps	R		Stairs and Platforms	74		74	Slipping, Tripping and Falling	Safety	Employees	Failure to apply 3 point contact rule when ascending or descending stairs	PAS Manager	Daily 9 hours	Slipping, Tripping and Falling	Apply 3 point contact rule when ascending or descending stairs. Always Look where you are going. Don't run or jump off or down stairs / platforms. Maintain good housekeeping in these areas.	2	B	IV	Mostly effective	SHE Induction	Inspections	Construction Manager appointed	OHS Act 85 of 1993 Sec 8.13.14, SHE specification Task risk assessment and Induction	Duration of project	In Progress	
75	Stacking and Storage	R		Improper Stacking and Storage	75		75	Slipping tripping and falling. Falling objects	Safety	Employees	Poor stacking and storage	PAS Manager	Daily 9 hours	Personal injury / Damage / Loss	Appoint Stacking and storing supervisor. Materials of the same type to be stacked together. Stacking shall only be carried out on a stable and level surface which is capable of supporting the entire mass of the stack. Stacks of similar articles (e.g. bags of cement) shall be interlocked when stacked to ensure stability. No person shall remove any item from or any stack except from the top/side layer. Any stack that becomes unstable for any reason shall be broken down immediately and re-stacked. All items / materials. Housekeeping Inspections. Stacking and Storage shall be controlled by the Stacking and Storage Supervisor.	4	B	II	Mostly effective	SHE Rep Inspections	SHE Committee Meetings, monitoring SHE Rep inspections	Construction Manager appointed	OHS Act 85 of 1993 Sec 8 and 14, CR 28, SHE specification, Stacking and storage method statement 240-106359720 and Task risk assessment	Duration of project	In Progress	

76	Use hand tools	R	76	Defective tools	76	Hands and Body injuries	Safety	Employees	Misuse of tools, not inspecting tools, defective tools, unmaintained tools	PAS Manager	Daily 9 hours	Hands injuries	Defective tools and equipment are to be removed from service and a Defective – Do Not Use Tag should be attached. The Tool and Equipment Defect Register should be completed and the defective item should be placed in the Defective Tool and Equipment Store. Site Manager to indicate if defective item should be repaired or scrapped. Pre inspections to be done on tools before use. Place defective tools in Quarantine area whilst waiting to be removed from site	2	A	IV	Mostly effective	Designate a Quarantine area for defective tools	Inspections	Construction Manager appointed	OHS Act 85 of 1993 Sec 8, 14, GSR 2 and Using of hand tools method statement 240-142830025 Task Risk assessment	Duration of project	In Progress	
77	Use of electrical Power Tools	R	77	Defective electrical Tools	77	Electrocution / Personal Injury	Safety	Employees	Misuse of tools, not inspecting tools, defective tools, unmaintained tools	PAS Manager	Daily 9 hours	Electrocution / Personal Injury	Defective electrical tools and equipment are to be removed from service and a Defective – Do Not Use Tag should be attached. The Tool and Equipment Defect Register should be completed and the defective item should be placed in the Defective Tool and Equipment Store. Inspections to be done electrical tools. Site Manager to indicate if defective item should be repaired or scrapped. Tools to be inspected by qualified electrician. Pre inspections to be done on tools before use. Place defective tools in Quarantine area whilst waiting to be removed from site.	2	B	IV	Mostly effective	Designate a Quarantine area for defective tools	Inspections	Construction Manager appointed	OHS Act 85 of 1993 Sec 8, 14, GSR 2, Using of hand tools method statement 240-142830025 and Task Risk assessment	Duration of project	In Progress	
78	Use of portable electrical tools	R	78	Wet conditions	78	Electrocution / Personal Injury	Safety	Employees	Working in the rain. Failure to ensure that the work area is dry and without water.	PAS Manager	Daily 9 hours	Electrocution / Personal Injury	Electrical power tools are not to be used in wet conditions. Extension leads that are printed are not allowed. SHE Reg inspections	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025 and Task Risk assessment	Duration of project	In Progress	
79	Use of portable electrical tools	R	79	Incompetent Operator	79	Body Injury	Safety	Employees	Lack of Supervision, Lack of tool control	PAS Manager	Daily 9 hours	Personal Injury	Only persons that have been trained and have been declared competent may use electrical power tools. If unsure of how to use an electrical power tool, Ask! Appoint Supervisor to Supervise work. Conduct task specific risk assessment	2	B	IV	Mostly effective	Communicate Supervisor Responsibilities	Inspections	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025 and Task Risk assessment	Duration of project	In Progress	
80	Use of Portable electrical tools	R	80	Wearing loose fitting clothing / jewellery and untied long hair	80	Entrapment / Caught on moving parts / Personal Injury	Safety	Employees	Misuse of tools	PAS Manager	Daily 9 hours	Entrapment / Personal Injury	Operator must remove jewellery and back to loose fitting clothing. Hair is to be tied.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025 and Task Risk assessment	Duration of project	In Progress	
81	Use of grinder	N	81	Hot surfaces	81	Flying Sparks, Fire, Heat transfer	Safety	Employees / Visitors	Unbaricaded working area. Failure to obtain hot work permit / not following hot work conditions. Failure to inspect work area	PAS Manager	Weekly 30 minutes	Personal Injury / Damage to property	Hot work permit to be in place. Fire fighter to be appointed. Fire extinguisher and fire fighter to be available where hot work is done. Task Specific risk assessment to be performed.	2	B	IV	Mostly effective	Adhere to existing control	BBO's	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
82	Use of grinder	N	82	Flying Foreign Object / Sparks	82	Eye Injury	Safety	Employees	Unbaricaded working area. Failure to obtain hot work permit / not following hot work conditions. Failure to inspect work area	PAS Manager	Weekly 30 minutes	Eye Injury	Operator (Full face shield, Safety Glasses) and assistant (Safety Glasses) must wear eye protection at all times. When practicable a welder screen may be employed to prevent grinding stick causing injury to persons. Grinding work should be done facing away from persons, if possible.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
83	Use of grinder	N	83	Excessive Noise	83	Noise Induced Hearing loss	Health	Employees	Not wearing ear protection	PAS Manager	Weekly 30 minutes	Noise Induced Hearing loss	Hearing Protection to be worn by operator and assistants and all persons who is in immediate work area.	3	B	II	Mostly effective	Conduct Awareness training on NHL	Inspections	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
84	Use of grinder	R	84	Fumes	84	Fumes Inhalation	Health	Employees	Not wearing FFP2 dust masks	PAS Manager	Weekly 30 minutes	Lung Infections	FFP2 Dust masks are to be worn when cutting and grinding	3	B	II	Mostly effective	Adhere to existing control	BBO's	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
85	Use of grinder	R	85	Rotating Disk	85	Struck by disk	Safety	Employees	Using of expired / cracked disks. Using the wrong disk for the job. Using an incorrect size disk on the wrong size grinder. Removing of grinder guard. Operating at unsafe speed. Applying excessive pressure onto disk whilst cutting/grinding	PAS Manager	Weekly 30 minutes	Personal Injury	Grinder should not be operated without the required guard and alternate handle being in place. Correct size disk for the type of grinder to be used (Size & Speed). Disk should fit spindle. Disk to be tightened using the correct key. No damaged disk or incorrect type of disk for the application may be used. Maintenance to the grinder may not be done while it is plugged in. Unplug the machine first before disk is changed. Ensure that the grinder have stopped before placing it down.	3	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
86	Welding Operations inside workshop	N	86	Fire / hot surfaces	86	Serious body Injuries / Damage	Safety	Employees	Unbaricaded working area. Failure to obtain hot work permit / not following hot work conditions. Failure to inspect work area. Unqualified boltermaster. Failure to install welding screens. Failure to wear a welding helmet	PAS Manager	Monthly 30 minutes	Personal Injury / Damage	Basic Fire Fighting Training. Ensure that a serviceable fire extinguisher is on hand and that a constant fire watch is in attendance while welding is done and when complete as required by the hot work permit. Inspect the area where welding is to be done and clear the area of all potential causes of fire. Ensure that the containers or object to be worked on has no oil or grease present. When working in elevated positions the area immediately below must be barricaded and "work overhead" signs posted. When required, make use of a fire blanket / welding screen as an additional preventative measure.	4	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act 85 of 1993 sec 14, 8 GSR 9, Client SHE Spec and Task Risk assessment, Installing of steel work method statement 240-12964489	Duration of project	In Progress	
87	Welding Operations	N	87	Arc Flash	87	Eye Injuries	Safety	Employees/visitors/Contractors	Unbaricaded working area. Not following hot work conditions. Failure to inspect work area. Unqualified boltermaster. Failure to install welding screens. Failure to wear a welding helmet	PAS Manager	Monthly 30 minutes	Personal Injury / Damage	Install welding screens, wearing of welding helmet, only qualified welder, place warning signs	4	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act 85 of 1993 sec 14, 8 GSR 9, Client SHE Spec and Task Risk assessment, Installing of steel work method statement 240-12964489	Duration of project	In Progress	
88	Welding Operations	N	88	Fumes	88	Fumes Inhalation	Health	Employees	Not wearing FFP2 dust masks	PAS Manager	Weekly 30 minutes	Lung Infections	FFP2 Dust masks are to be worn when welding	3	B	II	Mostly effective	Adhere to existing control	BBO's	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
89	Welding Operations	N	89	Arc Flash	89	Eye Injuries	Safety	Employees/visitors/Contractors	Unbaricaded working area. Not following hot work conditions. Failure to inspect work area. Unqualified boltermaster. Failure to install welding screens. Failure to wear a welding helmet	PAS Manager	Monthly 30 minutes	Personal Injury / Damage	Install welding screens, wearing of welding helmet, only qualified welder, place warning signs	4	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act 85 of 1993 sec 14, 8 GSR 9, Client SHE Spec and Task Risk assessment, Installing of steel work method statement 240-12964489	Duration of project	In Progress	
90	Welding Operations	N	90	Fumes	90	Fumes Inhalation	Health	Employees	Not wearing FFP2 dust masks	PAS Manager	Weekly 30 minutes	Lung Infections	FFP2 Dust masks are to be worn when welding	3	B	II	Mostly effective	Adhere to existing control	BBO's	Construction Manager appointed	EMR 10 and OHS Act 85 of 1993 Sec 8, 14, Using of hand tools method statement 240-142830025, Installing of steel work method statement 240-12964489 and Task Risk assessment	Duration of project	In Progress	
91	Permit to Work	R	91	Electrocution	91	Injury / Damage	Safety	Employees	Failure to follow the permit system	PAS Manager	Daily 9 hours	Serious Injury / Damage	A permit to work is issued in terms of the Operating Regulations for High Voltage Systems and Plant Safety Regulations. A risk assessment is the minimum requirement in addition to a complete scope of work, applicable appointments & competency certificates, work instructions, calibration certificates, test certificates for a valid permit to work to be issued by an appointed person to a responsible person after isolation is effected. A permit to work is required where electrical work (Disassembly / Re-Connect), cabling, termination, joining and testing is done, where hot work is performed, excavations deeper than 1m is done and where work in confined spaces are done. No work that requires a permit to work shall commence without the required permit being in place. The appropriate responsible person being in attendance. The risk assessment signed and communicated, as well as the work register and / or applicable limited access register having being signed. Working without a permit to work is grounds for dismissal. Open, isolate, test, earth and/or insulate before touch. Comply to life saving rules	4	B	II	Mostly effective	Communicate life saving Rules	Inspections, Permits	Construction Manager appointed	Client SHE Specification PSR and ORHVS, Work Permit System Method Statement 240-142830012	Duration of project	In Progress	
92	Excavation Work /Trenching and Backfilling using Manual Labour	N	92	Underground services (gas, electricity etc.)	92	Property damage, fatality, financial loss, Trip	Safety	Employees	Failure to check/detect underground services drawings before excavation	PAS Manager	Daily 9 hours	Property damage, fatality, financial loss, Trip	Appoint Excavation supervisor. Permit to work to be obtained, before commencing excavation work by submitting an application for excavation work to the Client. Excavation may only commence once written permission is obtained from the Client and an access certificate and/or permit is issued. As the event that a permit is not required, written permission should be obtained from the Client to excavate the planned route. Report generated by Cable Locating Instrument, Client Specifications and Drawings of all underground services should be referenced before excavation work commences. No excavation work to be done outside the method excavation route as determined by the Cable Locating Instrument. Cross trenching to be done as described in Method Statement	4	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act 85 of 1993 Sec 14, 8, CR 13, Client SHE Spec and Task Risk assessment and Excavation and Backfilling Cable Trench by Hands 240-134574394	Duration of project	In Progress	

93	Lifting and Rigging Operations (Truck Mounted Crane)	N	93	Poor Communication / No Signalling / No Audible Warning	93	Injuries	Safety	Employees	Inadequate planning of task at hand	PAS Manager	Daily 9 hours	Injuries	Method Statement: Mechanical Handling of Cables. The supervisor, crane operator, rigger, signaler and employees involved in the task shall before commencement of any lifting and rigging operations by means of a truck mounted crane, discuss and reach agreement on the verbal and / or hand signals that will be used in the task. The required audible warning should also be discussed and demonstrated. A designated signaler will be identified beforehand and the crane operator will only obey signals from the one designated signaler. Where the view between the crane operator and the designated signaler is obstructed, a relay signaler shall be employed. The crane operator will obey a "STOP" signal to matter who gives it. The signaler shall give all signals from the crane operator's direction perspective.	3	A	IV	Mostly effective	Adhere to existing control	Regular Inspections	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress
94	Manual Handling of Cable Drums	R	94	Incorrect manual handling techniques	94	Straining and Spraining Injuries / Damage	Safety	Employees	Lack of safety awareness	PAS Manager	Daily 9 hours	Straining and Spraining Injuries / Damage	Method Statement: Manual Handling of Cables. Where manual handling of a cable drum is required, teamwork is essential to prevent spraining and straining injuries, cable drums are only to be rolled and no attempt should be made to lift a cable drum manually. Drums should not be dropped and only a minimum of rolling of the drums on the ground is allowed and then only in the direction of the arrow painted on the top edge. A drum of power cable can weigh up to 10 tons so make sure that adequate cable drum jacks are used, that the shaft is strong enough to hold the drum and that the jacks stand on firm ground and that they hold the shaft horizontal.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act Sec 14, 8, Client SHE Spec. Loading and Unloading of Cable Drums 240-129645733 and Task Risk assessment	Duration of project	In Progress
95	Manual Handling of Cable Drums	R	95	Unsecured cable drums	95	Drum could fall from drum stand. Drum can fall from the drum trailer while in transit.	Safety	Employees	Inadequate supervision	PAS Manager	Daily 9 hours	Damage / Injury	Wear gloves.Competent personnel to use the crane while offloading and loading the drum	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act Sec 14, 8, Client SHE Spec. Loading and Unloading of Cable Drums 240-129645733 and Task Risk assessment	Duration of project	In Progress
96	Manual Handling of Cable Drums	R	96	Failure of cable trailer	96	Damage / Injury	Safety	Employees	Overloaded jacks	PAS Manager	Daily 9 hours	Damage / Injury	Pre-use inspection of cable trailer by the Driver of the towing vehicle. Any unsafe conditions identified are to be reported to Site Manager.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act Sec 14, 8, Client SHE Spec. Loading and Unloading of Cable Drums 240-129645733 and Task Risk assessment	Duration of project	In Progress
97	Manual Handling of Cable Drums	R	97	Pinch Points	97	Hand Injury	Safety	Employees	Lack of awareness	PAS Manager	Daily 9 hours	Hand Injury	Gloves are to be worn when handling cable drums to protect hands from injury. Care it to be taken to avoid being pinched by the cable shaft when securing it in the cable jack. Keep hands / arms clear from the sides of the cable drum to prevent crushing injuries.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act Sec 14, 8, Client SHE Spec. Loading and Unloading of Cable Drums 240-129645733 and Task Risk assessment	Duration of project	In Progress
98	Manual Handling of Cable Drums	R	95	Insufficient lighting	95	Tripping and Falling	Safety	Employees	Poor maintenance of lights in the plant	PAS Manager	Daily 9 hours	Crushing injuries / Lacerations	Keep to the side of the cable drum if it is rolled by means of manual labour to avoid being run over by the drum. Safety shoes are to be worn to protect feet. Nails and any protruding sharping should be knocked down and / or removed from the cable drum as it may cause injury. Wear gloves and long sleeve overalls when handling drum to prevent injury from splinters. Drums are to be checked to prevent unintended movement.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act Sec 14, 8, Client SHE Spec. Loading and Unloading of Cable Drums 240-129645733 and Task Risk assessment	Duration of project	In Progress
99	Placing cable drums on jacks	R	98	Unsafe Cable Jacks	98	Damage / Injury	Safety	Employees	Lack of awareness	PAS Manager	Daily 9 hours	Damage / Injury	Method Statement: Mechanical Handling of Cables. Area around cable jacks are to be barricaded. Load testing certificates for cable jacks to be available. Workers are to stand clear of the cable drum. Hydraulic jacks are to be used for hydraulic jacks by employing the lifting mechanisms of the jacks. The hydraulic release cables on the hydraulic jacks are to be checked properly.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act Sec 8, 14, DMR 18, Client SHE Spec. Loading and Unloading of Cable Drums 240-129645733 and Task Risk assessment	Duration of project	In Progress
99	Pulling / Laying of Cable	R	99	Not wearing correct PPE	99	Personal Injury	Safety	Employees	Unaware of risk	PAS Manager	Daily 9 hours	Personal Injury	Correct PPE for the task at hand is to be worn. Gloves to protect hands. Hard hats to prevent head injuries. Safety glasses to prevent foreign objects in eyes. Dust masks to prevent inhaled dust where required. Dust overalls to protect skin. Safety shoes, Chaps.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830002	Duration of project	In Progress
100	Pulling / Laying of Cable	R	100	Falling from heights	100	Falls	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Falls	All employees pulling cable at height will be registered on the current valid work at height permit. Hook-up at height. Buddy System. Cable to be secured if lowered from height during a pull to prevent uncontrolled movement of the cable.	3	B	B	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830003	Duration of project	In Progress
101	Pulling / Laying of Cable	R	101	Poor Communication	101	Damage / Injury	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Damage / Injury	Ensure that the necessary permits are obtained from Eskom. Good communication and supervision must be exercised when pulling cables. Employees will communicate by means of two way radios. Buddy system.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830004	Duration of project	In Progress
102	Pulling / Laying of Cable	R	102	Incorrect pulling procedure	102	Damage / Injury	Safety	Employees	Lack of supervision	PAS Manager	Daily 9 hours	Damage / Injury	Cable to be installed according to the relevant method statement. Never allow vehicles to drive over a cable, and take precautions to prevent damage during pull. Do not bend cable in excess of the specified bend radius. Employees must pull the cable at the same time in the same direction.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830005	Duration of project	In Progress
103	Pulling / Laying of Cable	R	103	Pinch Points	103	Hands and Finger Injury	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Hand Injury	Gloves are to be worn when pulling or laying cable to protect hands from injury. Care it to be taken to avoid being pinched by the cable. Keep hands / arms clear from the sides of the existing cable drum to prevent pinching injuries.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830006	Duration of project	In Progress
104	Pulling / Laying of Cable	R	104	Cable Drums	104	Crushing Injuries / Lacerations	Safety	Employees	Inadequate risk assessment	PAS Manager	Daily 9 hours	Crushing Injuries / Lacerations	Keep to the side of the cable drum if it is rolled by means of manual labour to avoid being run over by the drum. Drums are to be staked to prevent unintended movement. Safety shoes are to be worn to protect feet. Nails and any protruding sharping should be knocked down and / or removed from the cable drum as it may cause injury. Wear gloves and long sleeve overalls when handling drum to prevent injury from splinters.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830007	Duration of project	In Progress
105	Pulling / Laying of Cable	R	105	Unsafe manual handling	105	Sprains / Strains	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Sprains / Strains	Method Statement: Manual Handling of Cables. Only employees who are fit to perform cable pulling are to be included in the task. An adequate number of workers should be available to install the new cable to avoid over-exertion and possible spraining and straining injuries. Employees must pull the cable at the same time in the same direction. Never attempt to move a heavy drum without help. Never pick up coiled cable unless part of a team to prevent back injury. Repetitive strain injury can be avoided by ensuring that short breaks are taken between long cable runs. Buddy System.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14 and ERI CS, Eskom Induction program and PPE Procedures, Installing of cable 240-142830008	Duration of project	In Progress
106	Removing of Cable	N	106	Incorrect method of removing old cables from racks	106	Serious Personal Injury / Trips / Damage to Equipment	Safety	Employees	Inexperience employees failure to apply lock out procedure inadequate supervision	PAS Manager	Daily 9 hours	Death / Serious Personal Injury / Trips / Damage to Equipment	Method Statement: Manual Handling of Cables. Life Saving Rules, PTW and Workmen Register. Supervisor to positively identify the cable to be removed (Client Work Instruction / Cable Number). Test the cable to be dead (Zero Energy). Disconnect the specified cable to be removed. Start cutting cable from one end and work to the other in order to avoid cutting and removing the wrong cable by accident.	3	B	B	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Removing of Cable method statement 240-129091336 and Task Risk assessment	Duration of project	In Progress
107	Removing of Cable	N	107	Heavy Cable	107	Pinch Points / Hand Injuries / Struck By / Spraining and Straining Injuries	Safety	Employees	Inexperience employees	PAS Manager	Daily 9 hours	Pinch Points / Hand Injuries / Struck By / Spraining and Straining Injuries	Method Statement: Manual Handling of Cables. P.P.E (Hard Hat, Safety Glasses, Ear Protection, Overalls, Dust Overalls, Dust Masks, Gloves and Safety Shoes. Area where cable is to be removed should be barricaded to prevent persons being struck by falling objects. Old cables with large conductor sizes such as 500mm ² are to be cut in smaller manageable pieces by employing a grinder or hacksaw which will enable workers to handle the shorter pieces of old cable more easily without risk of spraining and straining injuries. Rope is to be employed to lower old cable sections to the ground in a controlled manner, cut sections may not be thrown to the ground. Short lengths of cable with small conductor sizes that has been removed are to be coiled and cable ends are to be secured by rope, wire or cable ties to prevent inadvertent uncoiling of the cable which can cause injury to persons.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Removing of Cable method statement 240-129091336 and Task Risk assessment	Duration of project	In Progress
108	Removing of Cable	N	108	Heavy Cable	108	Damage to vehicles	Safety	Employees	Inexperience diver	PAS Manager	Daily 9 hours	Damage to vehicles	Short lengths of cable with small conductor sizes that has been removed are to be coiled and cable ends are to be secured by rope, wire or cable ties to prevent inadvertent uncoiling of the cable which can cause damage to vehicles. The driver of the vehicle to be used to ensure that the cable off-cuts are secured on the back of the vehicle for transportation and that coiled cables ends are tied as required. Vehicle Inspection Sheets.	1	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Removing of Cable method statement 240-129091336 and Task Risk assessment	Duration of project	In Progress
109	Disconnecting Cables	R	109	Electrical Contact	109	Serious Injury / Fatality / Property Damage	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Serious Injury / Fatality / Property Damage	No work may commence without the required Permit to Work. Electrical isolation and lock out will be performed according to Eskom procedures. No work may commence without the required supervision. Treat all cables as live. Test before touch. All connected cables must be labelled before disconnection to facilitate the reconnection of such cables. Where applicable take photos as proof of disconnection.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Removing of Cable method statement 240-142829996 and Task Risk assessment	Duration of project	In Progress
110	Reconnecting Cables	R	110	Electrical Contact	110	Serious Injury / Fatality / Property Damage	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Serious Injury / Fatality / Property Damage	No work may commence without the required Permit to Work. Electrical isolation and lock out will be performed according to Eskom procedures. No work may commence without the required supervision. Treat all cables as live. Test before touch. No reconnection of cables may commence without the required testing and verification procedures.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Removing of Cable method statement 240-142829994 and Task Risk assessment	Duration of project	In Progress
111	Joining and Termination of Cables	R	111	Electrical Contact	111	Serious Injury / Fatality / Property Damage	Safety	Employees	Inexperience employee and inadequate supervision	PAS Manager	Daily 9 hours	Serious Injury / Fatality / Property Damage	No work may commence without the required Permit to Work. Electrical isolation and lock out will be performed according to Eskom procedures. No work may commence without the required supervision. Treat all cables as live. Test before touch. Joining and Termination procedures will be followed according to the relevant method statements.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Termination of low voltage cable method statement 240-142830026, Termination medium voltage cable method statement 240-129643168, Joining of low voltage cable method statement 240-151851235, Joining of medium voltage cable method statement 240-151851235, Testing and Task Risk assessment	Duration of project	In Progress
112	Joining and Termination of Cables	R	112	Cable Knives / Hacksaw	112	Cuts to hands	Safety	Employees	Inexperience employee	PAS Manager	Daily 9 hours	Cuts to hands	Stanley knives may not be used. Show Knives or Insulated Cable Knives are the correct knives to use. Gloves are to be worn to provide some protection from injury caused by cable knives and hacksaws. Cable knives are to be replaced to ensure that they are in serviceable condition.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Termination of low voltage cable method statement 240-142830026, Termination medium voltage cable method statement 240-129643168, Joining of low voltage cable method statement 240-151851235, Joining of medium voltage cable method statement 240-151851235, Testing and Task Risk assessment	Duration of project	In Progress
113	Joining and Termination of Cables	R	113	Propane Torch Use	113	Burns to hands/ damage to property	Safety	Employees	Inexperience employees	PAS Manager	Daily 9 hours	Burns to hands	Gloves are to be worn to protect hands from burns when employing a propane torch during the joining and termination process (Heat Shrinking).	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Termination of low voltage cable method statement 240-142830026, Termination medium voltage cable method statement 240-129643168, Joining of low voltage cable method statement 240-151851235, Joining of medium voltage cable method statement 240-151851235, Testing and Task Risk assessment	Duration of project	In Progress
114	Joining and Termination of Cables	R	114	Hot Work (Heat Shrink)	114	Serious Injury / Fatality / Property Damage	Safety	Employees	Inexperience employees and lack of supervision	PAS Manager	Daily 9 hours	Serious Injury / Fatality / Property Damage	Basic Fire Fighting Training. Never put down the propane torch if it is still lit. Make sure the surface the propane torch is placed on is not flammable and will not be damaged by heat. Ensure that a serviceable fire extinguisher is on hand and that a constant fire watch is in attendance while heat shrinking is done and when complete as required by the hot work permit. Inspect the area where heat shrinking is to be done and clear the area of all potential ignition objects off site.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Termination of low voltage cable method statement 240-142830026, Termination medium voltage cable method statement 240-129643168, Joining of low voltage cable method statement 240-151851235, Joining of medium voltage cable method statement 240-151851235, Testing and Task Risk assessment	Duration of project	In Progress
115	Testing of Cables (Fault Location)	R	115	Electrical Contact	115	Serious Injury / Fatality / Property Damage	Safety	Employees	Inexperience employees	PAS Manager	Daily 9 hours	Serious Injury / Fatality / Property Damage	No work may commence without the required Permit to Work. Electrical isolation and lock out will be performed according to Eskom procedures. No work may commence without the required supervision. Treat all cables as live. Test before touch. Testing of cables is to be done according to the relevant method statement. Operator of test equipment to be competent. Test Equipment must be calibrated, only trained and experienced persons will test cables.	5	C	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Testing and labelling of cable Method statement 240-1428302210 and Task Risk assessment	Duration of project	In Progress
116	Locating Cables	R	116	Incorrect Procedure	116	Damage / Injury	Safety	Employees	Inexperience employees	PAS Manager	Daily 9 hours	Damage / Injury	Ensure all required access, work permits and possession certificates have been issued. Where permits have been issued, ensure that the necessary workers register have been completed and signed by all staff members involved. Job Specific HIRA. Work to be done according to relevant method statement. Operator of test equipment to be competent. Test Equipment must be calibrated.	5	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment	Duration of project	In Progress
117	Lifting and Rigging Operations (Truck Mounted Crane)	N	117	Poor Communication / No Signalling / No Audible Warning	117	Injuries	Safety	Employees	Inadequate planning of task at hand	PAS Manager	Daily 9 hours	Injuries	Method Statement: Mechanical Handling of Cables. The supervisor, crane operator, rigger, signaler and employees involved in the task shall before commencement of any lifting and rigging operations by means of a truck mounted crane, discuss and reach agreement on the verbal and / or hand signals that will be used in the task. The required audible warning should also be discussed and demonstrated. A designated signaler will be identified beforehand and the crane operator will only obey signals from the one designated signaler. Where the view between the crane operator and the designated signaler is obstructed, a relay signaler shall be employed. The crane operator will obey a "STOP" signal to matter who gives it. The signaler shall give all signals from the crane operator's direction perspective.	3	A	IV	Mostly effective	Adhere to existing control	Regular Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress
118	Lifting and Rigging Operations (Truck Mounted Crane)	N	118	Failure of lifting equipment, poor rigging method or lifting over	118	Damage to equipment, pollution, fatality	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Damage to equipment, pollution	Pre-use inspection. Only qualified operators may operate the crane. Load must not exceed the SWL. Spill kit to be available on site in the event of hydraulic spills.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress
119	Lifting and Rigging Operations (Truck Mounted Crane)	N	119	Equipment falling to the ground	119	Possible permanent or partial serious injuries, damage to equipment	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Possible permanent or partial serious injuries, damage to equipment	Only inspected lifting equipment to be used when lifting. Employees to stay clear under suspended loads. Only one person to direct the load. The truck crane must be stationary when lifting in progress. Load must not exceed the SWL.	3	B	B	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress
120	Lifting and Rigging Operations (Truck Mounted Crane)	N	120	Poor rigging method	120	Damage to equipment and possible injuries	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Damage to equipment and possible injuries	Slings must be inspected before use. Supervisor to ensure inspection is done. Quarterly inspections must be conducted.	3	B	B	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress
121	Lifting and Rigging Operations (Truck Mounted Crane)	N	121	Lifting in the vicinity of live lines	121	Electric shock, minor to serious injuries	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Electric shock, minor to serious injuries	Earth plates must be used when lifting. Only competent operators may perform lifting operations near live lines. Barman must assist the operator during lifting.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress
122	Lifting and Rigging Operations (Truck Mounted Crane)	N	122	Connecting sling on the load	122	Back injuries, pinch points	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Back injuries, pinch points	Only lift Operator to lift when the load is secured. Wear hand protection when slinging.	2	C	B	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	OHS Act sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor trained employees for that truck)	Duration of project	In Progress

123	Lifting and Riggering Operations (Truck Mounted Crane)	N	123	Failure of lifting equipment, poor rigging method or tipping over	123	Damage to equipment, pollution, fatality	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Damage to equipment, pollution	Pre-use inspection. Only qualified operators may operate the crane. Load must not exceed the SWL. Spill kits to be available on site in the event of hydraulic leaks.	2	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
124	Lifting and Riggering Operations (Truck Mounted Crane)	N	124	Equipment falling to the ground	124	Possible permanent or partial serious injuries, damage to equipment	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Possible permanent or partial serious injuries, damage to equipment	Only inspected lifting equipment to be used when lifting. Employees to stay clear under suspended loads. Only one person to direct the load. The truck crane must be stationary when lifting is in progress. Load must not exceed the SWL.	3	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
125	Lifting and Riggering Operations (Truck Mounted Crane)	N	125	Poor rigging method	125	Damage to equipment and possible injuries	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Damage to equipment and possible injuries	Slings must be inspected before use. Supervisor to ensure inspection is done. Quarterly inspections must be conducted	3	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
126	Lifting and Riggering Operations (Truck Mounted Crane)	N	126	Lifting in the vicinity of live lines	126	Electric shock, minor to serious injuries	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Electric shock, minor to serious injuries	Earth plates must be used when lifting. Only competent operators may perform lifting operations near live lines. Banksmen must assist the operator during lifting.	1	A	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
127	Lifting and Riggering Operations (Truck Mounted Crane)	N	127	Connecting sling on the load	127	Back injuries, pinch points	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Back injuries, pinch points	Only lift Operator to when the load is secured. Wear hand protection when slinging.	2	C	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
128	Lifting and Riggering Operations (Truck Mounted Crane)	N	128	Getting struck by	128	Minor injuries	Safety	Employees	Lack of direct supervision	PAS Manager	Daily 9 hours	Minor injuries	Employees must stand well clear when lifting operations are in progress. Operator must only lift when the banksmen said it is safe.	2	C	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
129	Loading, Transporting and Off-Loading Cables on Cable Drums by means of Truck Mounted Crane	N	129	Poor Communication / No Signalling / No Audible Warning	129	Serious body injuries	Safety	Employees	Lack of supervision	PAS Manager	Daily 9 hours	Injuries	Method Statement: Mechanical Handling of Cables. The supervisor, crane operator, rigger, signaler and employees involved in the task shall before commencement of any lifting and rigging operations by means of a truck mounted crane, discuss and reach agreement on the verbal and / or hand signals that will be used in the task. The required audible warning should also be discussed and demonstrated. A designated signaller will be identified beforehand and the crane operator will only obey signals from the one designated signaller. Where the view between the crane operator and the designated signaller is obstructed, a relay signaller shall be employed. The crane operator will obey a "STOP" signal to matter who gives it. The signaller shall give all signals from the crane operator's direction perspective.	3	A	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
130	Loading, Transporting and Off-Loading Cables on Cable Drums by means of Truck Mounted Crane	N	130	Incorrect Method	130	Personal injury / Damage to Property	Safety	Employees	Incompetent rigger	PAS Manager	Daily 9 hours	Personal injury / Damage to Property	Method Statement: Mechanical Handling of Cables. Job Specific HIRA. Supervision. No Supervisor / No Work. Competent Truck Mounted Crane Operator. Heavy Vehicle Inspection Sheet. Load Test Certificate. Rigger (Basic Rigging & Slinging Training Certificate).	3	A	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	OHS Act 85 of 1993 sec 8.14, ERI CS Induction program, Method statement and Task Risk assessment (Currently using the Method statement from BMS (in their possession) as and when required as we do not have a Truck Mounted Crane on Site nor have a competent person for that truck).	Duration of project	In Progress	
131	Electrical Installation inside park homes/Office containers	N	131	Incompetent persons working with electricity	131	Electrical contact and Property damage	Safety	Employees	Incompetent personnel	PAS Manager	Daily 9 hours	Personal injuries	No work may be performed on live circuits. Live Saving Rule (Test Before Touch). Live Saving Rule (Permit to Work). No electrical circuit may be made live without the required CoC having been issued by an Installation Electrician / Master Installation Electrician. Safety glasses to be worn when working on a CB to prevent eye injuries due to flash over. SDs and circuits to be locked out to prevent electrical shock. All electrical work to be performed under competent supervision.	1	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Electrical installation regulation, Task Risk assessment Electrical works Method statement 240-BTT	Duration of project	In Progress	
132	Sharing of hand tools	R	132	Covid 19 infection	132	If it can cause employees getting sick and if serious, admitted to hospital for treatment.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If it can cause employees getting sick and if serious, admitted to hospital for treatment.	Sanitize hands and tools when sharing. Continuous communication with regard to the Coronavirus by means of toolbox talks. If any flu like symptoms occurs, please see your doctor or go to the clinic before going back to work.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
133	Sharing cigarette	R	133	Covid 19 infection	133	Sickness and infecting family members	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Possible infection to other and family members.	Employees to avoid sharing cigarettes during Covid 19 and conduct regular Covid 19 awareness	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
134	Multiple drivers sharing vehicle	R	134	Covid 19 infection	134	Sickness and infecting other employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Possible infection to other and family members.	Vehicles steering wheels must be disinfected regularly	3	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
135	Employees sharing an Office	R	135	Covid 19 infection	135	Sickness and infecting multiple employees with Covid 19 virus	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Possible infection to other and family members.	Employees to maintain social distance in offices, only a certain number of employees allowed in offices, distribution of offices once a week and regular disinfection.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
136	Employees sharing ablution facilities - without regular disinfection	R	136	Covid 19 infection	136	This will increase the chance of virus spreading	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This will increase the chance of virus spreading	Ablution facilities to be cleaned daily and employees are encouraged to wash hands with soap and running water after using toilets, Hand sanitizers	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
137	Covid 19 Waste separation	R	137	Mixing of Covid 19 waste with general waste	137	This will cause the Virus to be transmitted to other employees and will cause absenteeism.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This will cause the Virus to be transmitted to other employees and will cause absenteeism.	Bio - Hazardous waste bins to be used to dispose Covid 19 waste, regular awareness on waste separation of Covid 19. Remind employees to use a tissue or cough into their sleeve. No spitting allowed. Tissue to be discarded in closed bin but not a waste bin. If a closed bin is not around, a sealable plastic bag can be used.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
138	Meetings held in boardroom	R	138	Covid 19 infection Social distance not maintained	138	This can spread the virus to other employees attending these meetings.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This can spread the virus to other employees attending these meetings.	Limit meetings in confined spaces. Covid-19 visitor's induction to be completed by visitors. Social distancing to be adhered to and masks to be worn. Covid-19 questionnaire to be filled in and temperature screening to be done. Area to be well ventilated. Critical meeting with require a variance of attendees to be done on line (Microsoft Teams).	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
139	Site work with incorrect Covid 19 PPE	R	139	Employees Not having the correct PPE on site for the Coronavirus as prescribed by the World Health Organization	139	If correct PPE cannot be on site in time, it can lead to spreading of the virus and employees being absent.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If correct PPE cannot be on site in time, it can lead to spreading of the virus and employees being absent.	Risk to be identified by Eskom Risk Indicators to avoid and to order the necessary PPE to be on site in time.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
140	Issuing of hands sanitizer to employees	R	140	No sanitizer available on site	140	If employees cannot sanitize their hands on a regular basis, it can lead to the spread of the virus.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If employees cannot sanitize their hands on a regular basis, it can lead to the spread of the virus.	Demand plans have been submitted in regards to PPE and sanitizers. Ensure SDS is in place when getting the sanitizers. Specify the sanitizer you need to suppliers. Do not accept sanitizer without SDS. SDS to be communicated to all employees.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
141	Access Control to site	R	141	Not checking of employees temperatures on site entrance	141	If employees temperatures are not checked at the Site entrance, the possibility exist that employees infected with covid 19, will be allowed on site premises leading to the infection of more employees.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If employees temperatures are not checked at the Site entrance, the possibility exist that employees infected with covid 19, will be allowed on site premises leading to the infection of more employees.	Security at the Site entrance to check each and every employee's temperature before he/she be allowed to enter. Any temperature spikes will lead to the employee being denied access to the site premises and seek medical attention as soon as possible as the possibility of being infected with covid 19 exists. Train employees on the temperature specifications and how to use the temperature meters	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
142	Management of vulnerable employees	R	142	Employees with compromised immune disorders/diseases	142	High risk of being infected	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	High risk of being infected	Employees with compromised immune systems/diseases, diabetes, cardiovascular disease, uncontrolled or unstable hypertension, liver disease, malignancy, or renal disease should be advised to remain on the "work from home" principle and Employees that are receiving any treatment that can risk lowering their immune system to consult their Specialist or GP for clearance before returning to work. These employees must inform SHE Officer or Manager of any of the above and if cleared to work for essential services must remain on strict social distancing	2	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
143	Managing Covid 19	R	143	Employees not aware of the seriousness of the Coronavirus	143	If it can cause employees getting sick and if serious, admitted to hospital for treatment.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If it can cause employees getting sick and if serious, admitted to hospital for treatment.	Continuous communication with regard to the Coronavirus by means of toolbox talks. If any flu like symptoms occur, please see your doctor or go to the clinic before going back to work.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
144	Managing Covid 19	R	144	Negative attitude against the Coronavirus and disregard towards safety	144	Possible infection to other and family members.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Possible infection to other and family members.	Communication about the seriousness of the Coronavirus on a regular basis to turn negatively to positive attitude for yourself and your family.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
145	Managing Covid 19	R	145	No communication to family members at home to ensure they recognize the symptoms of the Coronavirus.	145	This can cause family members to get sick and spreading the Coronavirus to the community.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This can cause family members to get sick and spreading the Coronavirus to the community.	Employees to ensure that family members are aware of the symptoms of the Coronavirus and that is communicated to family members and friends. If in need, copies can be made for employees to take home.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
146	Managing Covid 19	R	146	Employees do not fully understand the symptoms or urgency of the Coronavirus due to not fully understand the communication.	146	Miscommunication can cause employees to not fully understand the symptoms and seriousness of the Virus.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Miscommunication can cause employees to not fully understand the symptoms and seriousness of the Virus.	Ensure all employees fully understand the communication with regard to Coronavirus. If Employees do not understand the communication, get a person to communicate it to them in a language that is understandable. Communication to be in different languages to make it easy for all to understand. Correct sources of information to be used by Employees. Refrain from social media and make use of DOL, WHO information and Department of Health.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
147	Managing Covid 19	R	147	Employees not following basic hygiene recommendations.	147	This will increase the chance of virus spreading.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This will increase the chance of virus spreading.	Office space to be cleaned 3 times a week instead of twice a week. Each employee to clean and sanitize their personal work space daily. Hand sanitizers being provided where applicable for example communal service areas like copiers, at hand rails, site entrances and exit points. Soap and water to be provided. Control sheet for all the stations to be added and safety officers and management to be responsible for this.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 2, SHE Spec	Duration of project	In Progress	
148	Managing Covid 19	R	148	Employees do not use tissues, spit on the ground and not coughing into the sleeve as recommended.	148	This will cause the Virus to be transmitted to other employees and will cause absenteeism.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This will cause the Virus to be transmitted to other employees and will cause absenteeism.	Communication on regular basis to ensure that employees are reminded to use a tissue or cough into their sleeve. No spitting allowed. Tissue to be discarded in closed bin but not a waste bin. If a closed bin is not around, a sealable plastic bag can be used.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
149	Managing Covid 19	R	149	Meetings in confined spaces.	149	This can spread the virus to other employees attending these meetings.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This can spread the virus to other employees attending these meetings.	Limit meetings in confined spaces. Covid-19 visitor's induction to be completed by visitors. Social distancing to be adhered to and masks to be worn. Covid-19 questionnaire to be filled in and temperature screening to be done. Area to be well ventilated. Critical meeting with require a variance of attendees to be done on line (Microsoft Teams).	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
150	Managing Covid 19	R	150	Overcrowded areas (shopping centres or malls) to be avoided	150	This will increase the probability of employees be infected by the Virus.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This will increase the probability of employees be infected by the Virus.	Try to avoid visits to shopping centres and malls. If necessary, please ensure wear of masks and to disinfect any surfaces (e.g. Trolly's, baskets, etc.). Online shopping to be encouraged.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-111239316, Client SHE Spec	Duration of project	In Progress	
151	Managing Covid 19	R	151	Safe social distances not kept.	151	This can cause the spreading of the disease. By close contact you can breathe in infected droplets directly into the lungs.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	This can cause the spreading of the disease. By close contact you can breathe in infected droplets directly into the lungs.	Keeping a distance of 1.5m to 2m will keep you safe from large droplets. No social distancing due to construction activities employees will be encouraged to make use of double protection by means of a cloth face mask and face shield / visors.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, Client SHE Spec	Duration of project	In Progress	
152	Managing Covid 19	R	152	Employees not washing hands / disinfecting regularly.	152	Increase probability of picking up the Coronavirus and transmit it to their fellow employees.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Increase probability of picking up the Coronavirus and transmit it to their fellow employees.	Hands to be washed by soap and water or use of hand sanitizer (50% alcohol based at least). Strategically mount the sanitizers in areas (Site office entrance, tool stores, ablution facilities, waiting areas, toolbox talk area)	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-111239316, Client SHE Spec	Duration of project	In Progress	
153	Managing Covid 19	R	153	Employees with low immune system and pre-existing conditions for example Diabetes, cancer, HIV/Aids, lung and heart diseases on site.	153	Low immune system and pre-existing conditions employees are more vulnerable to serious illnesses and death should they be exposed	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Low immune system and pre-existing conditions employees are more vulnerable to serious illnesses and death should they be exposed	Contact your Doctor for advice. Ensure chronic medication is taken as prescribed. Eat fruits and veggies, build your social network, limit alcohol, quit smoking, wash your hands, good night sleep, safe sex, look into herbs and supplements, exercise more often and stay positive.	3	B	B	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, Client SHE Spec	Duration of project	In Progress	

154	Managing Covid 19	R	154	Employees above the age of 60 not staying home to avoid possible infection	154	If employees above the age of 60 is allowed to work, it will increase the chance of infections and likelihood of death as the mortality rate increases as age increases	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If employees above the age of 60 is allowed to work, it will increase the chance of infections and likelihood of death as the mortality rate increases as age increases	ERI Management decision have been made that employees with the age above 60 will be allowed to work from home.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
155	Managing Covid 19	R	155	Travelling to other provinces.	155	Can cause spreading of the Coronavirus.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Can cause spreading of the Coronavirus.	Avoid travel if you have a fever and cough. Travelling risk assessment to be completed and decision on travelling will be made accordingly. Taxi's and buses not to be booked over 70%.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, SHE Spec	Duration of project	In Progress	
156	Managing Covid 19	R	156	Not sanitizing the transportation buses before use	156	If the transportation buses are not sanitized on a regular basis, it can lead to the spread of the virus.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If the transportation buses are not sanitized on a regular basis, it can lead to the spread of the virus.	The transport buses to be sanitized with sanitizer before use on a daily basis. Areas to be sanitized: The vehicle keys, Steering wheel, Exterior door handles (A), Tail gate handles (B/C), Inside and outside, Interior door handles and floor panels. (A), Start button area or around ignition (Do not spray and use wipe instead to avoid any sanitizer entering the ignition cylinder), Rear view mirror, Air vents, Gear selector, Turn signal (light / wiper levers / mirror setting knobs, Instrument panel and dash knobs and screens (Radio, air con / heater), Centre console and arm rest, Seat belt and handle (A), Do not allow sanitizing inside buckle area. Parking brake handle. Washes and engine controls or levers. Seats to be sprayed. Grab handles. Wash hand thoroughly after each clean. Petrol Cap and leave to open cap. Seat levers. Hands free bin. Charger cables and chargers. Mask seats that employees are not allowed to sit on.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan, Client SHE Spec	Duration of project	In Progress	
157	Managing Covid 19	R	157	High risk of being infected	157	Viral contact/infection leading to respiratory diseases	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Viral contact/infection leading to respiratory diseases	All Eskom travelling and in contact with Eskomites to contact the medical centre prior to travelling and to ensure a Risk Assessment for travelling is conducted and approved by the Managers before travel. All travel must be approved by line Managers and advised not to travel out of your normal area unless urgency and you have received a permit to do so.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
158	Managing Covid 19	R	158	No accommodation for staff	158	Impact on production.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Impact on production.	Staff that are currently at home in other provinces and require accommodation e.g., M&A Hotel, Guesthouse etc cannot return to work unless they have suitable accommodation that is arranged as they will not be able to move or relocate during the lockdown.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
159	Managing Covid 19	R	159	Huge amount of employees infected by Coronavirus and not at work	159	Influence on the productivity and service rendered to the Client.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Influence on the productivity and service rendered to the Client.	If employees have been tested and found positive, with the virus, the site will be closed and employees send home for 2 weeks (self-quarantine). Contact tracing will be done of the isolated employees. All positive employees to submit evidence that they have been tested positively (letter / SMS).	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
160	Managing Covid 19	R	160	Sick and possible cover 19 infected employees not practicing Self-quarantine at home and still going to work	160	If an infected or sick person is coming to work, it can lead to the infection of other employees leading to absenteeism.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If an infected or sick person is coming to work, it can lead to the infection of other employees leading to absenteeism.	To practice self-quarantine by infected or sic employee's employees, it can prevent spreading of the virus.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
161	Managing Covid 19	R	161	Self-quarantine at home	161	If person is coming to work, it can lead to the infection of other employees.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If person is coming to work, it can lead to the infection of other employees.	To practice self-quarantine by infected employees, it can prevent spreading of the virus.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
162	Managing Covid 19	R	162	Sharing of masks or other PPE.	162	Can spread the virus from one person to another.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Can spread the virus from one person to another.	Make use of own PPE, do not share. Masks to be replaced on a regular basis.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
163	Managing Covid 19	R	163	Not having the correct PPE on site for the Coronavirus as prescribed by the World Health Organization.	163	If correct PPE cannot be on site in time, it can lead to spreading of the virus and employees being absent.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If correct PPE cannot be on site in time, it can lead to spreading of the virus and employees being absent.	Risk to be identified by Eskom Risk Industries to assist and to order the necessary PPE to be on site in time.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
164	Managing Covid 19	R	164	No sanitizer available on site.	164	If employees cannot sanitize their hands on a regular basis, it can lead to the spread of the virus.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If employees cannot sanitize their hands on a regular basis, it can lead to the spread of the virus.	Demand plans have been submitted in regards to PPE and sanitizers. Ensure SDS is in place when getting the sanitizers. Specify the sanitizer you want to suppliers. Do not accept sanitizer without SDS. SDS to be communicated to all employees.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
165	Managing Covid 19	R	165	Not checking of employees temperatures at the Kriel site entrance	165	If employees temperatures are not checked at the site entrance, the possibility exist that employees infected with cover 19, will be allowed on site premises leading to the infection of more employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If employees temperatures are not checked at the site entrance, the possibility exist that employees infected with cover 19, will be allowed on site premises leading to the infection of more employees	Security at the Site entrance to check each and every employee's temperature before he/she will be allowed to enter. Any temperature spikes will lead to the employee being denied access to the site and advised to seek medical attention as soon as possible as the possibility of being infected with cover 19 exists. Train all employee on the temperature specifications and how to use the temperature meters	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
166	Managing Covid 19	R	166	Not checking employees temperatures continuously during the day to identify possible infected employees	166	If employees temperatures are not checked continuously, the possibility exist that employees infected with cover 19, will leading to the infection of more employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If employees temperatures are not checked continuously, the possibility exist that employees infected with cover 19, will leading to the infection of more employees	Specific temperature meters to be obtained for site employees to be checked continuously. Any temperature higher than 38 degrees will lead to the employee being referred to the medical station / doctor with immediate effect to seek medical attention as soon as possible as the possibility of being infected with cover 19 exists. Random tests to be done through the day	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
167	Managing Covid 19	R	167	Coronavirus not added as a Hazard on the daily risk assessment.	167	The possibility exists the employees may encounter coronavirus in the workplace on surfaces and areas where other persons are also working leading to the infection of more employees.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	The possibility exists the employees may encounter coronavirus in the workplace on surfaces and areas where other persons are also working leading to the infection of more employees.	All work areas to be cleaned with a sanitizer on a regular basis and every time before starting work. Making this to be the daily routine for all employees to keep safe and keep sanitizing at all times	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
168	Managing Covid 19	R	168	Employees not aware of the updated information on the Coronavirus	168	If updated information is not constantly communicated to employees it can cause employees getting sick and if serious, admitted to hospital	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If updated information is not constantly communicated to employees it can cause employees getting sick and if serious, admitted to hospital	Continuous communication of updated information with regard to the Coronavirus by means of toolbox talks. The latest information will be provided employees from getting infected or better explain how to treat the virus if infected	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
169	Managing Covid 19	R	169	Incorrect handling and disposal of potential COVID-19 waste	169	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Waste to be treated as hazardous and stored in a double bagged (red / brown) using the designated single use bin bags (ISO or ISO2), and marked "Suspected COVID-19" for 14 days. The waste will then be kept quarantined for a period of at least 14 days. If an employee tests positive during the 14 days, the waste may be disposed as general waste. Note that the double bag and labeling should remain in place upon disposal, and it should not be mixed with other general waste. If an employee tests positive for Covid-19, the used PPE (masks and gloves) for the 14 days prior to positive testing, should be disposed as Health Care Risk Waste. The site will complete Form 245-94020887 - Register for Disposal of Medical Waste by First Aid as well as Form 245-107681616 - Waste Acceptance Form. Waste generated will, after reaching an agreement with the Kriel Power Station clinic, be allowed to be disposed at the Eskom power station's medical centre	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
170	Managing Covid 19	R	170	Employees medicals are expiring as the medicals cannot be done due to coronavirus lockdown. Isolation and handling of expired medical if lockdown fatalities are effect	170	If medicals cannot be renewed it can lead to employees not being treated for underlying condition, restrictions that needs to be treated cannot be identified and the employee will not know if employees health may be infected in any way due to workplace hazards	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	If medicals cannot be renewed it can lead to employees not being treated for underlying condition, restrictions that needs to be treated cannot be identified and the employee will not know if employees health may be infected in any way due to workplace hazards	CREP is sent to Medical Centre and a Medical Questionnaire is filed in by Employees. Upon review the clinic then returns the medicals by 6 months.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
171	Managing Covid 19	R	171	Not adhering to Legislation.	171	Health risk to employees.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees.	ERI management to keep employees informed of latest changes in legislation on COVID-19. Latest government gazette to be available. Employees over the age of 60 should be offered the "work from home option" or advised to remain on leave with full pay. Employees must ensure that their permit to work is valid and with them at all times when not at home, employees must only use this permit given to them by ERI for work and any person found using their permit for any other purpose can be arrested by SAPS.	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
172	Managing Covid 19	R	172	No having a strategy or plan	172	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	ERI strategy and plan to be available and communicated with all employees as well as the client's requirements on COVID-19 management	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
173	Managing Covid 19	R	173	Not procuring the required equipment, chemicals or PPE.	173	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	ERI management to procure the required equipment, chemicals and PPE as per the strategy and plan that was discussed and approved	2	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
174	Managing Covid 19	R	174	Employees with compromised immune disorders/diseases (174	High risk of being infected	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	High risk of being infected	Employees with compromised immune systems/diseases, diabetes, cardiovascular disease, uncontrolled or unstable hypertension, liver disease, malignancy, or renal disease should be advised to remain on the "work from home" principle and Employees that are receiving any treatment that can risk leaving their immune system to consult their Specialist or GP for clearance. Before returning to work. These employees must inform SHE Officer or Manager of any of the above and if cleared to work for essential services must remain on strict social distancing	2	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
175	Managing Covid 19	R	175	Touching surfaces	175	Viral Contact / infection	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Viral Contact / infection	Washing and sanitizing hands regularly before going to toilet, before entering the kitchen, before eating and drinking and regularly during the day. Wash hands for at least 20 seconds thoroughly with hand soap.	2	B	IV	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	
176	Managing Covid 19	R	176	Not being aware what to do if infected.	176	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	All employees affected to be isolated from the rest of the team. These employees to be reported as per incident management procedure. All affected employees to be taken to designated isolation facility by management for treatment. All employees feeling ill needs to stay at home and see a doctor. All to report to management. All emergency numbers to be made available to all employees. (Covid 19 management guidelines to be followed)	3	B	II	Mostly effective	Adhere to existing control	Inspectors	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 245-111239316, Client SHE Spec	Duration of project	In Progress	

177	Managing Covid 19	R		177	Mixing cleaning solutions (Bleach and water)	177	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Staff to be informed not to mix any household cleaners with ammonia or any other cleaner. Preparing of bleach solution by mixing 5 cups of hot water and 1 cup of bleach OR 4 teaspoons of bleach and 250ml hot water. Whilst using cleaning products staff should wear disposable gloves, masks and disposable overall that can be removed in case of chemical splashes. PPE should be disposed of as hazardous waste. Wash hands with soap and water after removing gloves and disposing of waste. If no soap is available they should make use of hand sanitizers.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
178	Managing Covid 19	R		178	Using hand sanitizers	178	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Hand sanitizers to have a alcohol solution of at least 70%. Must be clearly identified and employees only to use this hand sanitizers for their hands and not their face.	1	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
179	Managing Covid 19	R		179	Unaware of incident reporting procedure.	179	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	All employees to be made aware of incident reporting procedure and the required documents to be made available. Management to decide the severity of the virus spread and actions to be taken of prevention of further infection.	3	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
180	Managing Covid 19	R		180	Employee feeling unwell	180	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Staff should immediately notify the Manager if they are feeling unwell and consult a doctor or contact the COVID Hotline (Call 0800 029 999 or WhatsApp 0800123456) for assistance. Employees that are placed on sick leave will remain on sick leave for the duration identified by the Doctor	3	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
181	Managing Covid 19	R		181	Not adhering to legislation	181	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Regular auditing of strategy and prevention plan to be conducted and reports generated.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
182	Managing Covid 19	R		182	Not identifying trends	182	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	All daily screening and reports and incidents to be monitored to identify a trend and actions to be taken by management to insure the health of all employees not affected.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
183	Managing Covid 19	R		183	Not adhering to legislation	183	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Regular auditing of strategy and prevention plan to be conducted and reports generated.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
184	Managing Covid 19	R		184	Not identifying trends	184	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	All daily screening and reports and incidents to be monitored to identify a trend and actions to be taken by management to insure the health of all employees not affected.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
185	Managing Covid 19	R		185	No addressing non-compliance of legislation.	185	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Non-conformances to be addressed and an action plan to put in place. Violation or non-adherence to strategy and action plan needs to be addressed by management and site evaluation to be done. If needed the site should be closed till the non-conformances is addressed.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
186	Managing Covid 19	R		186	Not planning for another lock down	186	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Management to have a pre plan in place for if and when government places the nation under lock down again.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
187	Managing Covid 19	R		187	Not identifying carriers	187	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Management in conjunction with medical team to develop a process to identify virus carriers that does not show any effects of the virus.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
188	Managing Covid 19	R		188	Employee might still be infected.	188	Health risk to employees.	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	If employee has been diagnosed with COVID-19 and isolated in accordance with the Department of Health Guidelines, an employer may only allow worker to return to work on the following conditions: The worker has undergone a medical evaluation confirming that the worker has been tested negative for COVID-19. The employer ensures that personal hygiene, wearing of masks, social distancing, and cough etiquette is strictly adhered to by the worker and the employer closely monitors the worker for symptoms on return to work. Employer to ensure that the employee is not discriminated against on grounds of having tested positive for COVID-19 in terms of section 6 of the Employment Equity Act, 1998 (Act No. 55 of 1998)	3	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
189	Managing Covid 19	R		189	Place of work may still be infected.	189	Health risk to employees	Health	Employees	Lack of knowledge	PAS Manager	Daily 9 hours	Health risk to employees	Ensure areas are disinfected 48 hours before casual contacts return to work. Disinfected certificate to be available for audit purposes.	3	B	II	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
190	Managing Covid 19	R		190	Activities that Social distancing cannot be contained	190	Possible spread of Covid 19 should one of the members in the team be infected with Covid 19	Health	Employees	Uncontrollable Social distancing due to the uncontrollable circumstances	PAS Manager	Daily 3 hours	Health risk to employees	When social distancing cannot be maintained, sanitizing when the team at regular intervals are important. Shared tools must be sanitized before changing from one employee to the other. Sanitizer must be available for the team at the workplace. Employees must take regular breaks to sanitise. Recommendations made by the hygiene survey needs to be followed by PTO and BBO observations needs to be done on these activities to ensure that it is done correctly.	3	B	II	Mostly effective	Adhere to existing control	Inspections / BBO and PTO Observations	Construction Manager appointed	Sec 27(2) Disaster Management Act, Task risk assessment, Covid 19 Plan 240-11229316, Client SHE Spec	Duration of project	In Progress	
191	Industrial Protest	N		191	Property damage	191	Vandalization	Safety	Employees	Bargaining unit dispute	PAS Manager		Financial losses due to property damages	Communicate any possible industrial action prior to the employees reporting to work. Company vehicles not to be used when there are protest	3	B	II	Keep safe guard of company's assets during protest to prevent any sort of Vandalism	Unrest monitoring / Client instruction and feedback	Project manager	Sec 27(2) Disaster Management Act, Emergency Plan 240-143369138	31.03.2022	In Progress		
192	Industrial Protest	N		192	Injury to employees	192	Safety risk to employees	Safety	Employees	Scuffle with law enforcement officers	PAS Manager	Depends on the duration of industrial action	Possible injuries to employees as results of scuffle with enforcement officers	Employees To encourage not to report to work when there are industrial action for their own safety	3	B	II	Encourage employees not to report on duty should there be any industrial protest	Unrest monitoring / Client instruction and feedback	Project manager	Sec 27(2) Disaster Management Act, Emergency Plan 240-143369139	31.03.2023	In Progress		
193	Change Management	R		193	Organizational, activity, material, equipment or system changes	193	Poor Communication / Injury to Persons / Damage to or caused by Materials and Equipment	Safety	Employees	Fear of change	PAS Manager	Daily 9 hours	Poor Communication / Injury to Persons / Damage to or caused by Materials and Equipment	Induction Training (Eskom and ER) Communication Registers, Updated Method Statements & Procedures, Training of Employees, Product and Equipment Manuals	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	Change management procedure 240-15558616	Duration of project	In Progress	
194	Hydro boil	R		194	Instant Boiling Water / Steam	194	Scalding of the skin	Safety	Employees	Employee unaware of risk	PAS Manager	Daily 9 hours	Scalding of the skin	Warning Sign "Hot Water - Risk of Scalding". Employee awareness by means of toolbox talks. Hot liquid should not be shaken in a sealed container as the resultant pressure build-up inside the container may cause the lid to pop-off, which may cause exposure to the hot liquid inside. A bottle brush should therefore be employed to clean containers such as shaker bottles or water bottles. Dishwashing gloves are to be worn, should water be taken directly from the Hydro boil to wash dishes.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
195	Taps / Kettles / Water Heating Unit's	R		195	Hot Water Boiling Water / Steam	195	Scalding of the skin	Safety	Employees	Employee unaware of risk	PAS Manager	Daily 9 hours	Scalding of the skin	Employee awareness by means of toolbox talks. Warning Sign "Hot Water - Risk of Scalding". Hot liquid should not be shaken in a sealed container as the resultant pressure build-up inside the container may cause the lid to pop-off, which may cause exposure to the hot liquid inside. A bottle brush should therefore be employed to clean containers such as shaker bottles or water bottles. The cold water tap should be opened first when filling the kitchen sink with hot water to wash dishes.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
196	Taps / Kettles / Water Heating Unit's (Continued)	R		196	Hot Water / Boiling Water / Steam	196	Scalding of the skin	Safety	Employees	Employee unaware of risk	PAS Manager	Daily 9 hours	Scalding of the skin	Dishwashing gloves are to be worn, should boiling water be taken directly from kettles or water heating unit's to wash dishes. Dishwashing gloves are to be worn when washing dishes. Kettles are to be handled with care to prevent scalding injuries caused by boiling water should spills occur. Water heating Unit's may not be carried around unless fitted with boiling water. Care is to be taken when approaching blind corners and opening doors when carrying a cup of tea, coffee or soup in order to prevent contact with the hot liquid in the event of a spill. Transporting hot liquids should not put any person at risk in the event of a spill.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
197	Microwave Oven Usage	R		197	Using the microwave oven while empty.	197	Damage	Safety	Employees	Misuse of micro oven	PAS Manager	Daily 9 hours	Damage	Insert food or liquids first and only then start the cooking or heating process.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
198	Microwave Oven Usage	R		198	Microwave unsafe containers	198	Damage / Melting / Warring / Burn Injuries / Chemical exposure	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Damage / Melting / Warring / Burn Injuries / Chemical exposure	Use microwave-safe containers such as glass, ceramic, and plastic containers labelled for microwave oven use to avoid damage. If containers are warped after heating, beware when attempting to handle these damaged containers as they may be extremely hot and may cause burns. Remove food from packaging before defrosting or heating, as some packaging may not be heat stable at high temperatures which may cause harmful chemicals to migrate into the food when packaging melts or warps.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
199	Microwave Oven Usage	R		199	Metal containers, aluminium foil or metal eating utensils	199	Damage / Fire	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Damage / Fire	Metal containers, aluminium foil or metal eating utensils are not to be used in the microwave as it may cause sparks and even flames. Only use microwave safe containers when heating food.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
200	Microwave Oven Usage	R		200	Sealed containers	200	Damage / Explosion / Personal Injury	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Damage / Explosion / Personal Injury	Do not cook food or heat liquids in sealed containers as the pressure from steam build-up will cause the container to explode which may cause damage and possible injuries. Ensure that container lids are removed or opened before starting the cooking or heating process.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
201	Microwave Oven Usage	R		201	Super-heated water	201	Violent explosion / Serious scalding injuries	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Violent explosion / Serious scalding injuries	Super-heated water is water that is heated beyond its boiling temperature, without signs of boiling. Using a microwave oven to heat water in a clean cup beyond the boiling temperature, a slight disturbance or movement may cause the water to violently explode out of the cup which may cause serious scalding injuries. Adding ingredients such as instant coffee or sugar to water before heating greatly reduces the risk of hot-water eruption. If at all possible, avoid employing a microwave to boil water, rather use a kettle, hydro-boil or water heating unit to boil water.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
202	Microwave Oven Usage	R		202	Steam	202	Scalding injury to skin	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Scalding injury to skin	Care is to be taken when removing wrapping or container covering from a hot item. Hot steam escaping from the container, as the wrapping is removed or the container is lifted, can cause scalding and/or burns.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
203	Microwave Oven Usage	R		203	Damaged Door	203	Exposure to microwave energy (Radiation)	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Exposure to microwave energy (Radiation)	Microwaves ovens with doors that doesn't close firmly or that are bent, warped, or otherwise damaged may not be used as they may expose the user to radiation. Microwave ovens that operate when the door is open, should immediately be turned off as it is unsafe to use. Any defect should be reported, the microwave oven should be removed from service, a Defective – Do Not Use Tag should be attached, the Tool and Equipment Defect Register should be completed and the microwave oven should be placed in the Defective Tool and Equipment Store.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
204	Document Shredder	N		204	Long and Loose Hair / Jewellery / Loose Clothing	204	Entrapment / Lacerations	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Entrapment / Lacerations	Long and loose hair should be secured, jewellery such as rings and chains should be removed and loose clothing should also be secured to avoid entrapment by moving equipment parts. Should anything get stuck in the feeder of the document shredder, switch it off first before attempting to remove the stuck item. Never insert fingers into the document feeder of the shredder as serious injury can occur.	2	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
205	Document Shredder	N		205	Maximum Feeder Capacity	205	Jamming Document Feeder / Equipment Damage	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Jamming Document Feeder / Equipment Damage	Avoid exceeding the maximum feeder capacity of the document shredder. Should anything get stuck in the feeder of the document shredder, switch it off first before attempting to remove the stuck item.	2	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
206	Document Shredder	N		206	Staples / Paper Clips	206	Jamming Document Feeder / Equipment Damage	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Jamming Document Feeder / Equipment Damage	Remove any staples or paperclips before attempting to shred the documents. Should anything get stuck in the feeder of the document shredder, switch it off first before attempting to remove the stuck item.	1	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
207	Vacuum Cleaner	N		207	Dust build-up	207	Damage / Fire	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Damage / Fire	Empty the vacuum cleaner regularly to avoid dust build-up which may affect the effectiveness of the vacuum cleaner and which may cause damage to the vacuum cleaner.	1	B	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
209	Vacuum Cleaner	N		209	Vacuum Cleaner and Cord	209	Tripping / Falling	Safety	Employees	Poor housekeeping	PAS Manager	Daily 9 hours	Tripping / Falling	When using the vacuum cleaner, ensure that it is used in such a way that a tripping hazard is not created. Apply applicable signage: "Caution – Clearing in Progress". When not in use, do not store the vacuum cleaner in walkways thereby creating a tripping hazard.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
210	Vacuum Cleaner	N		210	Incorrect Application	210	Damage / Air Contamination	Safety	Employees	Unaware of risk	PAS Manager	Daily 9 hours	Damage / Air Contamination	The vacuum cleaner is to be used as intended in order to avoid damage. Avoid vacuuming chemicals with a vacuum cleaner that is not fit for the purpose as it may cause air contamination.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
211	Office Electrical Equipment and Kitchen Appliances	R		211	Defective Equipment and Appliances	211	Electrocution / Damage / Fire	Safety	Employees	Unaware of risk	PAS Manager	Daily 9 hours	Electrocution / Damage / Fire	Defective equipment and appliances are to be removed from service and an Defective – Do Not Use Tag should be attached. The Tool and Equipment Defect Register should be completed and the defective item should be placed in the Defective Tool and Equipment Store.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
212	Office Electrical Equipment and Kitchen Appliances	R		212	Defective Equipment and Appliances	212	Electrocution / Damage / Fire	Safety	Employees	Unaware of risk	PAS Manager	Daily 9 hours	Electrocution / Damage / Fire	Do not use if plug or cord is damaged. Do not use if switch is not working. Never attempt to repair or service while equipment is live, switch off first.	1	A	IV	Mostly effective	Adhere to existing control	Inspections	Construction Manager appointed	CHS Act 85 of 1993 Sec 14, 8, Risk assessment	Duration of project	In Progress	
213	Potential emergencies	N		213	Fire	213	Burns to body parts / damage to property / Damage to environment	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury, environmental pollution	Fire extinguishers, trained fire fighters, trained first aiders. Maintaining good housekeeping practices. Safety rep inspections to identify other hazards, Security – Power. Before the emergency services arrive.	4	B	II	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 CHS Incident Management Procedure, Knel emergency plan and preparedness, fire management plan, Environmental impacts and aspects register, Client SHE Specifications	Duration of project	In Progress	
214	Potential emergencies	N		214	Armed robbers																				

217	Potential emergencies	N	217	Strikes	217	Endangering employees / damage to property / theft / damage to environment / profit loss	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	SAPS. Evacuate in emergency situation. Do not engage with protesters/local community members. Controlled access. Security guards	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness, fire management plan. Environmental impacts and aspects register. Client SHE Specifications	Duration of project	In Progress	
218	Potential emergencies	N	218	Explosions	218	Endangering employees / damage to property / damage to environment / profit loss / cause of fire / hearing loss	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	Fire extinguishers. Trained fire fighters, trained first aiders. Maintaining good housekeeping practices. Safety risk inspections to identify other hazards. Power station fire emergency services. Fire department. Identified hospitals. On site emergency services	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness, fire management plan. Environmental impacts and aspects register. Client SHE Specifications	Duration of project	In Progress	
219	Potential emergencies	N	219	Insects and animals	219	Stings, bites, allergic reactions, poisoning, infections, skin irritation, lacerations	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	Trained snuck catcher, report any encounters, do not attempt to kill any insects and animals	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness. Environmental impacts and aspects register. Client SHE Specifications	Duration of project	In Progress	
220	Potential emergencies	N	220	Hazardous Gas leaks/burst	220	Hazardous Gas Inhalation / damage to property	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	Treat all working areas as dangerous. Do the Pre task risk assessment at the workplace to identify the Hazards around you. Evacuate in emergency situation. Report any incidents/storage smells to the Supervisor and the client immediately. Wear the required PPE identified on the Pre task risk assessment	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness. Client SHE Specifications	Duration of project	In Progress	
221	Potential emergencies	N	221	Chemical leaks/burst	221	Burns to body parts / damage to property / Damage to environment	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	Treat all working areas as dangerous. Do the Pre task risk assessment at the workplace to identify the Hazards around you. Evacuate in emergency situation. Report any incidents to the Supervisor and the client immediately. Wear the required PPE identified on the Pre task risk assessment	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness. Client SHE Specifications	Duration of project	In Progress	
222	Potential emergencies	N	222	Hot water leaks/burst	222	Burns to body parts / damage to property / Damage to environment	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	Treat all working areas as dangerous. Do the Pre task risk assessment at the workplace to identify the Hazards around you. Evacuate in emergency situation. Report any incidents to the Supervisor and the client immediately. Wear the required PPE identified on the Pre task risk assessment	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness. Client SHE Specifications	Duration of project	In Progress	
223	Potential emergencies	N	223	Hot water leaks/burst	223	Burns to body parts / damage to property / Damage to environment	Safety	Employees	Unaware of the risk	PAS Manager	Daily 9 hours	Death / Serious Personal Injury	Treat all working areas as dangerous. Do the Pre task risk assessment at the workplace to identify the Hazards around you. Evacuate in emergency situation. Report any incidents to the Supervisor and the client immediately. Wear the required PPE identified on the Pre task risk assessment	4	B	9	Mostly effective	Adhere to existing controls	Inspection	Construction Manager appointed	32-95 OHS Incident Management Procedure. Kriel emergency plan and preparedness. Client SHE Specifications	Duration of project	In Progress	