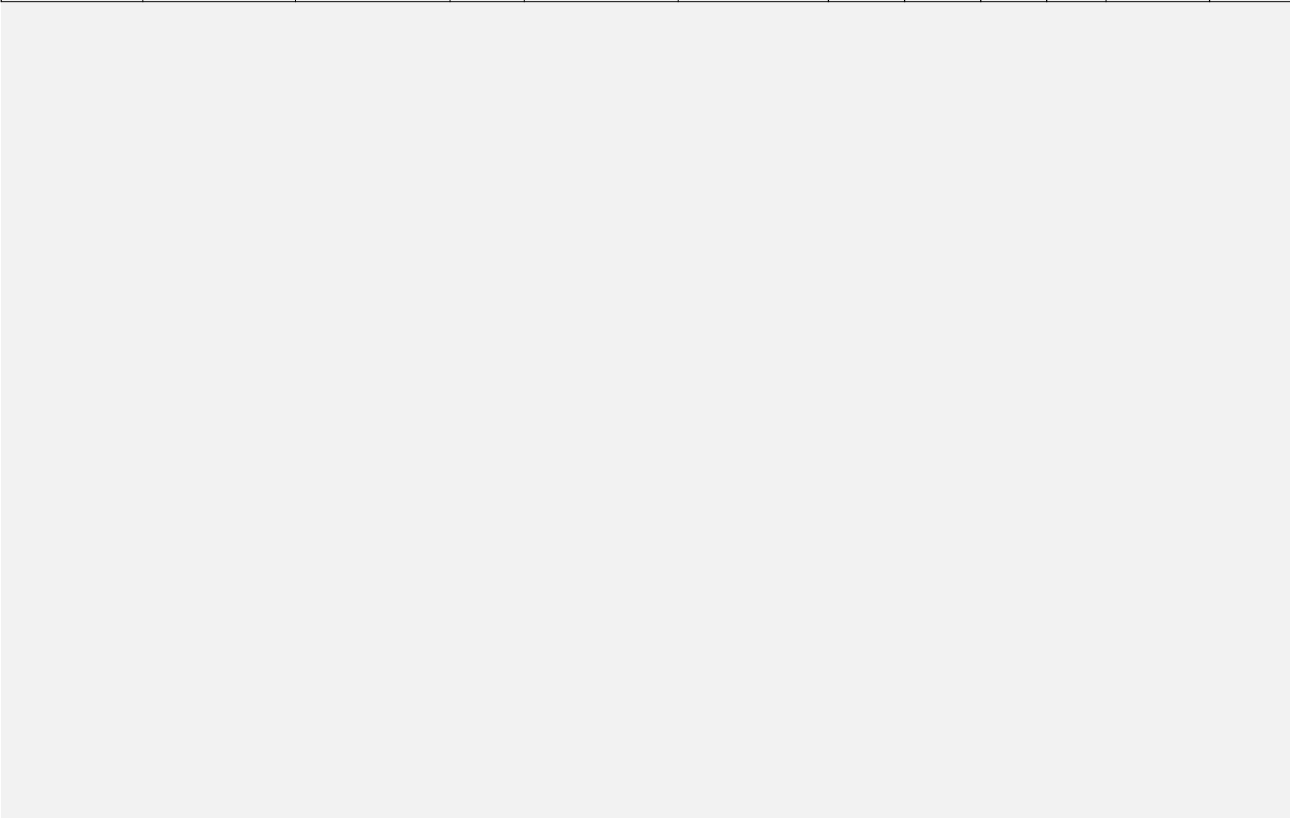


COVID-19 RISK ASSESSMENT											
Business/Operating unit:	Telecommunications	Contract:	Design, supply, delivery, installation, commissioning, maintenance, support and training of an Environmental Alarm System (EAS) solution				Next Review	03/09/2026	Template identifier:	240-70044000	
Date:	05/09/2024	Completed by		Masego Mshu Thulani Mkhwanazi David Thakadu	Authorised by	Name: Thulani Mkhwanazi Designation: Contracts Manager Signed: Date:	Document identifier: 240-189184548 Revision number: 5 Revision date: 30-Apr-25 Document revision no. 2				
List activity	Hazard Identification	Associated risk	Risk type	Refer to Occupational Health and Safety Risk assessment procedure 30-520	Existing Controls	Consequence	Likelihood	Risk Priority Rating	Control Owner	Legal and Other Requirements	
Let specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Anything with potential to cause or harm. Note: A hazard can pose more than one risk.	A chance that injury, ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	Consider the worse case scenario without controls?	Include: Eliminative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and Residual Controls (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)				RCE Risk Control Effectiveness	Person allocated the responsibility for implementing the agreed controls Where relevant, list the relevant legislative and/or Eskom requirements that prescribe the control.	
Access Control	Any person infected with COVID-19	Contracting COVID-19 through contact with infected droplets	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All persons that are affected being isolated 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	5	D	1	Mostly effective	Telecommunication and Contractor	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
	Objects and surfaces contaminated with COVID-19, e.g. Unhygienic biometric units	Contracting COVID-19 through touching surfaces/objects with contaminated droplets from an infected person while conducting work activities	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	6	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Alcohol Breathalyzer Testing	Infected employee and breathalyzer contaminated with COVID-19.	Contracting COVID-19 when using a contaminated breathalyzer	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	7	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Employees conducting work and being exposed to contaminated objects and surfaces from all infected person (workplace, surfaces, printers, desk, door, handles, etc.)	Contaminated objects and surfaces with COVID-19.	Contract COVID-19 from contaminated objects and surfaces	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	8	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Employees conducting work and having poor hygiene practices (Not washing or sanitizing of hands, frequently touching faces, touching possible contaminated surfaces and not washing/sanitizing hands, thereafter, not disinfecting workspace)	Poor hygiene practices	Contracting COVID-19 from contaminated surfaces due to poor hygiene practices	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	9	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Employee's health and wellness, when conducting their normal duties	Infected employee and objects contaminated with COVID-19.	Employees having flu-like symptoms or other medical conditions due to having been in contact with Symptomatic, Asymptomatic, or with people that have travelled to high risk areas or positive COVID-19 case.	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	10	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020

Employees diagnosed with COVID-19	Infected employee and objects contaminated with COVID-19.	Employees testing positive after being in contact with infected people, or having travelled to high risk areas.	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	11	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Employees travelling together on, extern business (in pool, scheme or hired vehicles)	Infected employee and surfaces contaminated with COVID-19.	1. Close contact between employees whilst travelling poses a risk of COVID-19 transfer as the virus spreads through Asymptomatic Persons as well. 2. Contact COVID-19 from contaminated vehicle surfaces.	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	12	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Employees using Public Transportation (Taxis & Buses)	Infected employee and surfaces contaminated with COVID-19.	Contracting COVID-19 from contaminated vehicle surfaces	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	13	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Sleeping over using guest accommodation during COVID-19	1) Infected hotel staff and fellow lodgers 2) Contaminated surfaces with COVID-19.	1. Contracting COVID-19 from contact with infected person(s) or contaminated surfaces / clothing / bedding.	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	14	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Social Interactions during tea, breaks/work breaks	Infected employee and objects contaminated with COVID-19.	Contracting COVID-19 due to employees, contractors or visitors not following social distancing protocols when having social interactions during tea or work breaks.	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	15	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Face-to-Face Meetings	Coming into contact with infected persons, contaminated object or surfaces.	Contracting COVID-19 due to contact with contaminated surfaces and exposure to an infected person.	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	16	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020
Working at Offices where there is no running water (temporarily)	Unavailability of running water.	1. Increased risk for contracting COVID-19	Health	1. Local transmission of the virus to exposed employees causing lost time or fatalities 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	17	D	1	Mostly effective	COVID-19 Compliance Officers	1. Occupational Health and Safety Act: Hazardous Biological Agents Regulations 2. Directive: Consolidated COVID-19 Direction on Occupational Health and Safety Measures in Certain Workplaces GNR 1031 of October 2020

Occupational Health and Safety Baseline risk assessment template										
Business/Operating unit:	Telecommunications	Contract:			Design, supply, delivery, installation, commissioning, maintenance, support and	Next Review Date (every 2 years):	05/09/2026	Template identifier:	240-70044602	
Date: 05/09/2024		Prepared by			Authorised by:		Document identifier		240-169184548	
		Maango Mola Thulani Mkhwanazi David Thabata			Name: Thulani Mkhwanazi Designation: Contracts Manager		Revision number:		5	
					Signed:		Revision date:		30-Apr-25	
					Date:		Document revision no.		2	
Refer to Occupational Health and Safety Risk assessment procedure 32-620										
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls	Consequence	Risk Priority Rating	RCE Risk Control Effectiveness	Control Owner	Legal and Other Requirements
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Anything with potential to cause of harm. Note: A hazard can pose more than one risk.	A chance that injury, ill health or damage could occur as a result of uncontrolled hazard	Safety or health	Consider the worse case scenario without controls?	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring); and - Residual Controls (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)				Person allocated the responsibility to implementing the agreed controls	Where relevant, list the relevant legislative and/or Council requirements that prescribe the control.
Working in close proximity to co-workers who may have infectious, or communicable diseases.	Exposure to Hazardous Biological Agents	Possibility of contracting communicable diseases such as resistant TB.	Health	Possible illness, or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	2A	IV Fully effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to communicable diseases	Possibility of contracting diseases through contact, such as cholera, Hepatitis A	Health	Possible illness, or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	2B	IV Fully effective	Telecommunication and Contractor	Referenced under column A, available on request
	Panels falling from roof around the building	Panels falling on an individual	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	2A	IV Fully effective	Telecommunication and Contractor	Referenced under column A, available on request
	bad driving in the complex	Possible Collision	Safety	Possible minor or major injury	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	2B	IV Fully effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to hazards associated with working in close proximity to the Lake and non maintenance of storm water drains	Possible flooding during heavy rains	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	3B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to hazards associated with Working in the vicinity of petrol stations	Possible explosion and fire	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	4B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to hazards associated with Situated in an area where there were mining activities	Possible occurrence of Earth tremors which may escalate to Earthquakes	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	4B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
Walking or driving around the office	Exposure to hazards associated with Helicopter landing on a non demarcated area	Helicopter or aircraft crashing	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	3B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to hazards associated with Ammonium nitrate, located at a close radius to Gas production companies	Possible Explosion of flammable acetylene, Ammonium nitrate,	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	3B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
		rupture of tank, pipes and cylinders	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	4B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to hazards associated with Actions and Conditions leading to fire	Possible burns	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	3B	III Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request

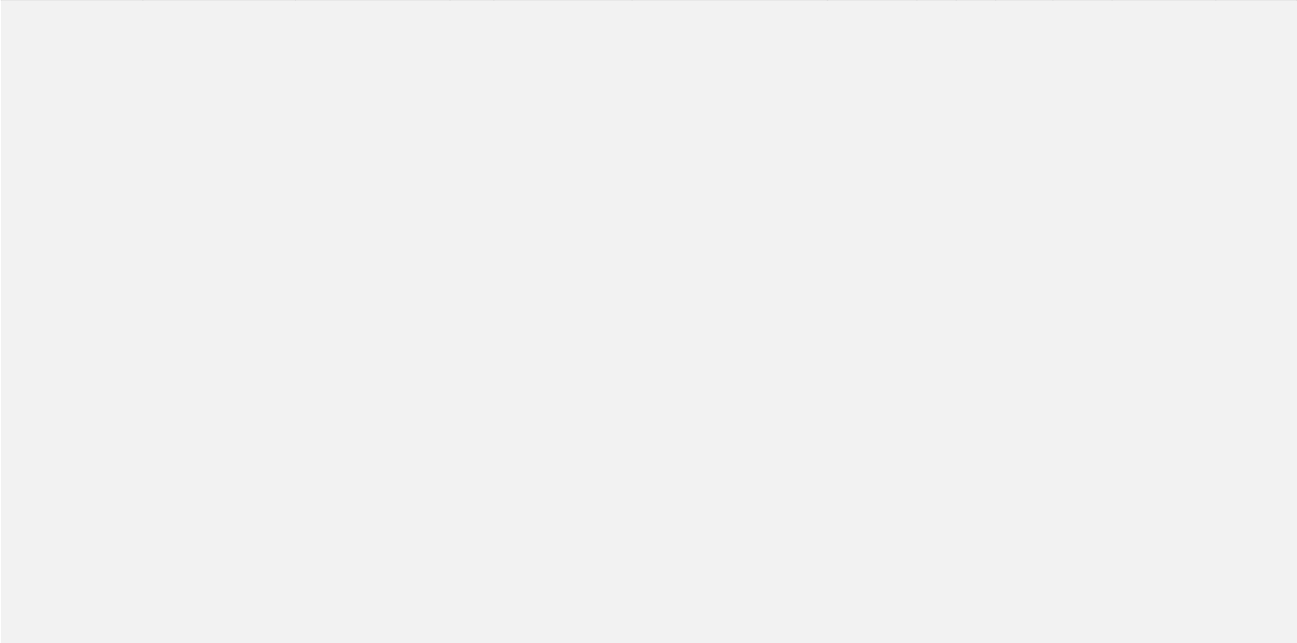
	Actions and Conditions leading to Explosion	Possible explosion	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	3B	II	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Exposure to hazards associated with being situated in close proximity to a light aircraft airport	Aircraft Crash	Safety	Possible minor or major injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	3B	II	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request



Occupational Health and Safety Baseline risk assessment template											
Business/Operating unit:	Telecommunications	Contract	Design, supply, delivery, installation, commissioning, maintenance, support and training of an Environmental Alarm System (EAS) solution		Next Review Date (every 2 years):	05/09/2026	Template identifier:	240-70044598			
Date: 05/09/2024		Compiled by:	Masego Msho Thulani Mkhwanazi David Thakadu	Authorised by:	Name: Thulani Mkhwanazi Designation: Contracts Manager		Document identifier:	240-169184548			
					Signed:		Revision number:	5			
					Date:		Revision date:	30-Apr-25			
							Document revision no.	2			
Refer to Occupational Health and Safety Risk assessment procedure 32-S20											
List activity	Hazard identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls	Consequence	Likelihood	Risk & Priority Rating	RCE Risk Control Effectiveness	Control Owner	Legal and Other Requirements
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Anything with potential to cause harm. Note: A hazard can pose more than one risk.	A chance that injury, ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	Consider the worse case scenario without controls?	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - Rescue Controls (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)					Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and/or Eskom requirements that prescribe the control.
Site Access & Security	Actions and Conditions leading to Hijacking, Kidnapping, robbery, assault, rape	Possible assault, rape, stress, trauma, being shot	Safety	Possible injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	B	III	Mostly effective	Telecommunications & Contractor	Site access procedure (ETPR 0578), Incident Management Procedure (ISO 9001:4.3.1.4.5.3)
	Poor Road Conditions	Vehicle losing control	Safety	Possible Misk which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	III	Mostly effective	Telecommunications & Contractor	Line 32.3, 32-520, Safe travelling procedure (240-62946386), ISO 43002(4.3.1.4.5.3)
	Exposure to Reptiles/Insects/Repiles	Possible venomous, bites and stings	Safety	Possible poisonous bites and stings which may lead to Occupational illness or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	B	III	Mostly effective	Telecommunications & Contractor	Emergency Plan in case of bites, stings and tick (stings (240-10388502), ISO 45001(4.3.1.4.5.3)
	Actions and conditions leading to Wild Fires	Possible burns or smoke inhalation	Safety	Possible injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	B	III	Mostly effective	Telecommunications & Contractor	Emergency Preparedness Procedure 22-523 ; ISO 43002(4.3.1.4.4.6)
	Actions and conditions leading to Vandalism	Theft, vandalism, public injury	Safety	Possible public injury or Damage to Property	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	A	IV	Fully effective	Telecommunications & Contractor	Site access Procedure (ETPR0578, Incident Management Procedure ETPR0737

Occupational Health and Safety Baseline risk assessment template															
Business/Operating unit:	Telecommunications			Contract:			Design, supply, delivery, installation, commissioning.		Next Review Date (every 2 weeks):	05/09/2026	Template identifier:	240-7004602			
Date: 05/09/2024				Prepared By:			Monegi Moko Thulani Mkhwanazi David Thakadu			Authorised by:		Name: Thulani Mkhwanazi Designation: Contracts Manager Signed: Date:		Document identifier: 240-169184548 Revision number: 5 Revision date: 30-Apr-25 Document revision no. 2	
Refer to Occupational Health and Safety Risk assessment procedure 32-520															
List activity	Hazard identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls	Consequence		Likelihood	Risk Priority Rating	RCE Risk Control Effectiveness	Control Owner	Legal and Other Requirements			
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Anything with potential to cause harm. Note: A hazard can pose more than one risk.	A chance that injury, ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	Consider the worse case scenario without controls?	Include: Exclusionary Controls , controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and Reduction Controls , controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)						Person allocated the responsibility for implementing the agreed controls.	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.			
Travelling By Road	Fatigue	Falling asleep while driving	Safety	MVA which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Mechanical failures	Defective Vehicle	Safety	MVA which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	A	2A	IV	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Wildstray animals	Hitting a straying animal	Safety	MVA which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	A	2A	IV	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Over speeding	Collision, losing control of the vehicle, unable to stop in time	Safety	MVA which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	B	4B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Exposure to Hijacking/ robbery at site	Possible assault, rape, stress, trauma, being shot	Safety	Vehicle being taken, Possible injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Poor Road conditions	Possible puncture or damage to the vehicle tyre	Safety	MVA which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Adverse weather conditions (Heavy rain, hail storm, heavy winds, snow)	Hitting vehicle in front or side, Adverse road conditions, hypothermia,	Safety	MVA which may lead to injury or fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Pedestrians crossing the road	Hitting a straying animal	Safety	MVA which may lead to injury or fatality including Public	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	B	2B	IV	Fully effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Other negligent road users	Colliding with other vehicles	Safety	possible motor vehicle pile-up (MVA) which may lead to injury or fatality including Public	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			
	Unsafe driving	causing an accident (Collision, losing control of vehicles)	Safety	possible motor vehicle pile-up (MVA) which may lead to injury or fatality including Public	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request			

	Unroadworthy vehicle	Vehicle Breakdown or parts failure	Safety	MVA which may lead to injury or fatality including Public	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Road Works	Vehicle Collision	Safety	MVA which may lead to injury or fatality including Public	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	2	B	2B	IV	Fully effective	Telecommunication and Contractor	Referenced under column A, available on request
	Travelling in areas where there are protests	Loss of control of the vehicle	Safety	Possible damage to vehicle and/or injury/fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Driving below the bridges	Loss of control of the vehicle	Safety	Possible damage to vehicle and/or injury/fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	B	4B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Driving across low-lying bridges during flash floods	Possibility of being swept away	Safety	Minor or major injury, fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	4	C	4C	II	Mostly ineffective	Telecommunication and Contractor	Referenced under column A, available on request
Towing	Using incorrect vehicle	Vehicle rolling backwards	Safety	Minor, major injury, fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	B	3B	III	Mostly effective	Telecommunication and Contractor	Referenced under column A, available on request
	Unsafe towing practices	Incompetence in towing	Safety	Minor, major injury, fatality	Administrative - Contractor Management - OHS Specification, Supplier evaluation during Tender & contract execution, to ensure compliance to specific requirements	3	A	3A	IV	Fully effective	Telecommunication and Contractor	Referenced under column A, available on request



Consequence criteria

Consequence rating	Description
	Health and Safety
1	No injuries or health effects(near misses)
2	First-aid treatment case, and temporary discomfort case
3	Medical treatment case; occupational disease with reversible/non-permanent effect
4	Lost Time Injury. Irreversible health effects/occupational disease with permanent consequence
5	Fatality or life threatening health effects
6	Multiple fatalities

Likelihood criteria

Score	Descriptor	Safety	Occupational hygiene	
			Exposure	Probability of exceeding OEL
A	Highly unlikely	- More than a "100 year event" - Exceptionally unlikely, even in the long-term future < 5% probability.	Rare (once a year)	No exposure (or exposure < 10% of OEL)
B	Unlikely	- Could occur in "years to decades" - May occur but not anticipated ≥ 5% and < 20% probability.	Short periods of time, a few times per day/intermittent (once in six months, three months, or a month)	Low exposure (< 50% of OEL)
C	Possible	- Could occur within "months to years" - May occur shortly but a distinct probability it will not, or ≥ 20% and < 70% probability.	Continuous for between one and two hours (often/ weekly)	Moderate exposure (chronic exposure > 50% of OEL or acute exposure ≥ OEL)
D	Likely	- Could occur within "weeks to months" - Balance of probability will occur ≥ 70% and < 90% probability.	Continuous for between two and four hours (frequent/daily)	High exposure (chronic exposure > OEL, or exposure exceeding OEL-STEL)
E	Unavoidable	- Could occur within "days to weeks" - Impact is imminent ≥ 90% probability.	Continuous for eight-hour shift	Very high exposure (chronic exposure > 2 x OEL or exposure exceeding OEL-C)

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RISK CONTROL EFFECTIVENESS GUIDE

RCE	Guide
<i>Fully effective</i>	Nothing more to be done except review and monitor the existing controls. Controls are well designed for the risk, are largely preventive and address the root causes. Management believes that they are effective and reliable at all times. Reactive controls only support preventive controls.
<i>Mostly effective</i>	Most controls are designed correctly and are in place and effective. Some more work to be done to improve operating effectiveness or management has doubts about operational effectiveness and reliability of the controls.
<i>Mostly ineffective</i>	While the design of controls may be largely correct in that they treat most of the root causes of the risk, they are not currently operationally very effective. There may be an over-reliance on reactive controls, or some of the controls
<i>None</i>	Virtually no credible control. Management has no confidence that any degree of control is being achieved.

		RISK MATRIX				
Consequences	6	I	I	I	I	I
	5	II	II	II	I	I
	4	III	III	II	I	I
	3	IV	III	II	II	I
	2	IV	IV	III	II	II
	1	IV	IV	III	III	III
		A	B	C	D	E
		Likelihood				