

COVID-19 RISK ASSESSMENT											
Business/Operating unit:	Telecommunications		Scope	Supply of VHF and UHF antennas on an "as and when" required basis for a period of five (5) years.			Next Review Date (every 2 years):	05/11/2027	Template identifier:	240-70044602	
Date:	29/12/2025		Compiled by:	Masego Maibela Gerald Willems			Authorised by:	Name: Alison Singh Designation: Contracts Manager Signed: Date:		Document identifier:	240-146899305
									Revision number:	5	
									Revision date:	30-Apr-27	
									Content 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	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 worst case scenario without controls?	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - Reactive Controls (controls implemented to reduce the immediate impact of the risk occurring) 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.	
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	D	I	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.	Issuing of Specification , Evaluation of Tender, HIRA	5	D	I	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	
Alcohol Breathalyser Testing	Infected employee and breathalyser contaminated with COVID-19.	Contracting COVID-19 when using a contaminated breathalyser	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.	Issuing of Specification , Evaluation of Tender, HIRA	5	C	II	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	
Employees conducting work and being exposed to contaminated objects and surfaces from an 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.	Issuing of Specification , Evaluation of Tender, HIRA	5	C	II	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	

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.	Issuing of Specification , Evaluation of Tender, HIRA	5	C	II	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
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	D	I	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
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	C	II	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
Employees travelling together on Eskom 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. Contract 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.	Issuing of Specification , Evaluation of Tender, HIRA	5	D	I	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
Employees using Public Transportation (Taxi's & 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.	Issuing of Specification , Evaluation of Tender, HIRA	5	D	I	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
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	D	I	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
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	C	II	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
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	C	II	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
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.	Issuing of Specification , Evaluation of Tender, HIRA	5	B	II	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

	Exposure to communicable diseases	Possibility of contracting diseases through contact with toilet seats, such as E.coli, Gastrointestinal viruses	Health	Possible illness	Issuing of Specification - Evaluation of Tender, HIRA	2	B	IV	Contractor	Refer to column A - hyperlink and BY laws sheet, Occupational Health & Safety risk assessment procedure (22 505, 502, 4001)
	Improper Shredding of paper	Entanglement which may lead to suffocation	Safety	Possible Injury, Fatality	Issuing of Specification - Evaluation of Tender, HIRA	5	A	II	Contractor	Refer to column A - hyperlink and BY laws sheet, SHEQ Policy, Risk assessment procedure 30-500
	Working in the Old building	Possible structure collapse	Safety	Injuries and Fatalities	Issuing of Specification - Evaluation of Tender, HIRA	5	C	II	Contractor	Refer to column A - hyperlink and BY laws sheet, Occupational Health & Safety risk assessment procedure (22 505) Building Regulations
		Allergy like symptoms, breathing difficulties, chest pain, headache	Health	Sick Building Syndrome	Issuing of Specification - Evaluation of Tender, HIRA	3	C	II	Contractor	Refer to column A - hyperlink and BY laws sheet, Occupational Health & Safety risk assessment procedure (22 505) Building Regulations
	Faulty electrical and network wall point covers	Electrocution/ Electrical Shock, Fire	Safety	Minor electrical shock, burns	Issuing of Specification - Evaluation of Tender, HIRA	3	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, Electrical Regulation, SHEQ Policy, Occupational Health & Safety risk assessment procedure (22-500)
	Poorly Maintained' old lifts	Caught in between the doors which may cause bruises in part of body in contact	Safety	Strikes, fractures, and sprains	Issuing of Specification - Evaluation of Tender, HIRA	4	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, Lifts & conveyor regulation, SHEQ Policy, Risk assessment procedure 30-500
Clicking a door, possibility to occur, link to the electrical or communication system	Exposure to Hazardous Biological Agents while applying First Aid/ Occupational health nurse	Contact with contaminated body fluids. Possibility of contracting communicable diseases such as resistant TB, HIV, swine flu, COVID 19 etc.	Health	Possible illness, or Fatality	Issuing of Specification - Evaluation of Tender, HIRA	2	A	IV	Contractor	Refer to column A - hyperlink and BY laws sheet, Occupational Health & Safety risk assessment procedure (22 505, 502, 4001)
	Exposure to airborne diseases	Possibility of contracting diseases through contact. As indicated by the national register of communicable diseases, (epidemics & pandemics)	Health	Possible illness, or Fatality	Issuing of Specification - Evaluation of Tender, HIRA	2	B	IV	Contractor	Refer to column A - hyperlink and BY laws sheet, Occupational Health & Safety risk assessment procedure (22 505, 502, 4001)
Walking or driving around the office	Panels falling from roof around the building	Panels falling on an individual and causing harm	Safety	Possible minor or major injury or fatality	Issuing of Specification - Evaluation of Tender, HIRA	2	A	IV	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-95 Incident Management Procedure, Occupational Health & Safety
	Bad driving in the complex	Possible Collision and injury to drivers, passengers or pedestrians	Safety	Possible minor or major injury	Issuing of Specification - Evaluation of Tender, HIRA	2	B	IV	Contractor	Refer to column A - hyperlink and BY laws sheet, NHTA, 32-95 Incident Management Procedure, Occupational Health & Safety
	Jay walking	Possible Collision and injury to drivers, passengers or pedestrians	Safety	MVA, fatality	Issuing of Specification - Evaluation of Tender, HIRA	3	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, NHTA, 32-500, vehicle and driver safety management procedure (24-504)006
	Public protest/unrest	Trespassing, Theft, Vandalism, and Injury	Safety	Possible injury or Damage to property	Issuing of Specification - Evaluation of Tender, HIRA	3	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, DHS Act, Act 65 of 1993 85 of 1993, Green SHEQ policy 22-527, DHS Baseline Risk Assessment 22-527, Eskom Vehicle Safety and Driver Management procedures 24-504, 6254036, Eskom Vehicle Safety
	Situated near the lake during unexpected heavy rains - Touch base with Six Wenzel	Possible flooding during heavy rains	Safety	Possible minor or major injury or fatality	Issuing of Specification - Evaluation of Tender, HIRA	3	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, Environmental Regulations for Workplaces R. 6, Emergency preparedness procedure 30-500, 502, 4001
	Working in the vicinity near the petrol stations	Possible explosion and fire which may cause injuries	Safety	Possible minor or major injury or fatality	Issuing of Specification - Evaluation of Tender, HIRA	4	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, Environmental Regulations for Workplaces R (62), Emergency preparedness procedure 30-522, Occupational Health & Safety risk assessment procedure (22 505, 502, 4001)
	Situated in a complex which is in close radius to areas where there were mining activities	Possible occurrence of Earth tremors which may escalate to Earthquakes	Safety	Possible minor or major injury or fatality	Issuing of Specification - Evaluation of Tender, HIRA	4	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-123, Emergency preparedness procedure 240-500/502/504, Occupational Health & Safety risk assessment procedure (22 505) 502, 4001
	Situated in a complex which contains a Helicopter landing/pad/way - Helicopter/aircraft flying over Simmerpan complex	Helicopter or aircraft crashing which may result in injuries and property damage	Safety	Possible minor or major injury or fatality	Issuing of Specification - Evaluation of Tender, HIRA	3	B	II	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-123, Emergency preparedness procedure 240-500/502/504, 4001

	Sited in a complex Located at a close proximity to a gas production company	Possible Explosion of flammable acetylene, Ammonium nitrate.	Safety	Possible minor or major injury or fatality	Issuing of Specification	Evaluation of Tender, HIRA	3	B	III	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-123, Emergency preparedness procedure 240-5005236, 601-40001
		rupture of tank, pipes and cylinders	Safety	Possible minor or major injury or fatality	Issuing of Specification	Evaluation of Tender, HIRA	4	B	III	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-123, Emergency preparedness procedure 240-5005236, Occupational Health & Safety risk assessment procedure 32-520-621-40001
	Sited close to a Substation containing a high voltage part	Possible (Fire and Explosion from the substation)	Safety	Possible minor or major injury or fatality	Issuing of Specification	Evaluation of Tender, HIRA	3	B	III	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-123, Housekeeping-Regulation 6 (1 & 2), Fire Protection & Means of egress, 240-5005236, Occupational Health & Safety risk assessment procedure 32-520-621-40001
	sited in a complex which is in close proximity to a light aircraft airport (Rand Airport)	Aircraft Crashing on the route to the airport	Safety	Possible minor or major injury or fatality and property damage	Issuing of Specification	Evaluation of Tender, HIRA	3	B	III	Contractor	Refer to column A - hyperlink and BY laws sheet, 32-123, Emergency preparedness plan 240-5005236, Occupational Health & Safety risk assessment procedure 32-520-621-40001
Material handling	Incident Storage and Stacking	Equipment falling	Safety	Possible minor or major injury or fatality and property damage	Issuing of Specification	Evaluation of Tender, HIRA	2	B	II	Contractors / Telecons	Refer to column A - hyperlink and BY laws sheet, Risk Assessment Procedure, Manual Handling
	Conditions leading to trips and falls	Trips and falls	Safety	Possible minor or major injury or fatality and property damage	Issuing of Specification	Evaluation of Tender, HIRA	3	B	III	Contractors / Telecons	Refer to column A - hyperlink and BY laws sheet, Risk Assessment Procedure, Manual Handling
	Incident Loading and Offloading (Lifting)	Body strain and muscle pull	Safety	Possible minor or major injury or fatality and property damage	Issuing of Specification	Evaluation of Tender, HIRA	3	A	II	Contractors / Telecons	Refer to column A - hyperlink and BY laws sheet, Risk Assessment Procedure, Manual Handling

Occupational Health and Safety Baseline risk assessment template											
Business/Operating unit:	Telecommunications			Scope	Supply of VNF and CNF services on an 'as and when' required basis for a period of five (5) years.			Next Review Date (every 2 years):	28/12/2027	Template Identifier:	340-7054492
Date:	28/12/2023	Completed by:	Geord Wilensia	Managed by:	Geord Wilensia	Authorised by:	Name: Alison Singh Designation: Contracts Manager Signed: Date:	Document Identifier:	240-146899305	Template Revision number:	5
								Template Revision date:	30-Apr-27		
								Document Rev. Number			2

Refer to Occupational Health and Safety Risk assessment procedure 30-583											
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls	Risk Rating		Control Owner	Legal and Other Requirements		
						Consequence	Likelihood				
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?	Household Controls Controls implemented to eliminate hazards or reduce the likelihood of the risk occurring, and Priority Controls Controls implemented to reduce the immediate impact of the risk occurring Elimination Substitution Engineering controls			Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and/or Subst requirements that prescribe the controls		
	Fatigue (Mind & body exhaustion)	Attention distracted, loss of concentration (Falling asleep while driving) which may lead to a motor vehicle accident	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	3	B	3B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, NRTA, Fatigue Work Instruction(240-1656273), Safe Travelling Procedure 240-0294039; Risk Assessment Procedure 30-500) Task Specific Risk Assessment
	Poorly maintained vehicle	Mechanical failure which may lead to an accident	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	2	A	2A	IV	Contractor	Refer to column A - hyperlink and B7 laws sheet, NRTA, Safe Travelling procedure 240-0294039; Risk Assessment Procedure 30-500) Task Specific Risk Assessment (ETFM289)(240-1363030) (EO 45001)
	Wild/stray animals	Hitting a straying animal which may lead to accidents	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	2	A	2A	IV	Contractor	Refer to column A - hyperlink and B7 laws sheet, NRTA, Risk Assessment procedure (30-500), Task Specific Risk Assessment (ETFM289)(240-1363030) (EO 45001)
	Over speeding	Collision, losing control of the vehicle, unable to stop in time which may lead to MVA's	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	5	B	5B	I	Contractor	Refer to column A - hyperlink and B7 laws sheet, NRTA, Aerts, Travelling Procedure 240-0294039; Risk Assessment procedure 30-500) Task Specific Risk Assessment
	Driving below the recommended speed limit under normal circumstances	Cause disruption to the traffic leading to accidents	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	4	B	4B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, Occupational Health & Safety Risk Assessment Procedure 30-500, NRTA, Travelling procedure 240-0294039
	Exposure to Hijacking/robbery	Possible assault, rape, stress, trauma, being shot at, kidnapping, mugging, kidnaping	Safety	Vehicle being taken, Possible injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	3	B	3B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, Risk Assessment Procedure (32-500), EO 45001
	Driving on poor road conditions	Possible puncture or damage to the vehicle tyre which may lead to an MVA	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	3	B	3B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, Risk Assessment Procedure(30-500), Safe Travelling procedure 240-0294039, EO 45001
	Driving in a 4X4 Terrain without appropriate competence	The vehicle may capsize and roll which may lead to injuries or damage to the vehicle	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	2	B	2B	IV	Contractor	Refer to column A - hyperlink and B7 laws sheet, Risk Assessment Procedure 30-500, Safe Travelling procedure 240-0294039; EO 45001
	Driving a vehicle which is not suitable for 4X4 terrain	The vehicle may capsize and roll which may lead to injuries or damage to the vehicle	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	4	B	4B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, 32-500, NRTA, Travelling procedure 240-0294039
	Adverse weather conditions (Heavy rain, hail storm, heavy winds, snow)	Poor visibility which may lead to a motor vehicle accident	Health	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	3	B	3B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, Risk Assessment Procedure(30-500), Safe Travelling procedure 240-0294039, EO 45001
	Poorly Maintained Gravel Road	Vehicle slipping and capsizing leading to an MVA	Safety	MVA which may lead to injury or fatality	Issuing of Specification, Evaluation of Tender, HIRA	3	B	3B	II	Contractor	Refer to column A - hyperlink and B7 laws sheet, Risk Assessment Procedure(30-500), Safe Travelling procedure 240-0294039; Safe Off-road (240-1109784)(EO 45001)
	Pedestrians crossing the road which is not demarcated for crossing	accident involving pedestrians or members of the public	Safety	MVA which may lead to injury or fatality including Public	Issuing of Specification, Evaluation of Tender, HIRA	2	B	2B	IV	Contractor	Refer to column A - hyperlink and B7 laws sheet, NRTA, Risk Assessment Procedure(30-500), Safe Travelling procedure 240-0294039, EO 45001

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

Comparisons	6	II	III	I	I	I
	5	II	III	I	I	I
	4	IV	II	III	I	I
	3	IV	II	III	III	I
	2	IV	IV	II	III	III
	1	IV	IV	II	II	III
						Likelihood

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

RISK CONTROL EFFECTIVENESS GUIDE

RCE	Guide
Fully effective	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
Mostly effective	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.
Mostly ineffective	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 do not seem correctly
None	Virtually no credible control. Management has no confidence that any degree of control is being achieved.

Score	Descriptor	Safety	Occupational hygiene	
			Exposure	Probability of exceeding
A	Highly unlikely	<ul style="list-style-type: none"> More than a "100 year event" Exceptionally unlikely, even in the < 5% probability. 	Rare (once a year)	No exposure (or exposure < 10% of OEL)
B	Unlikely	<ul style="list-style-type: none"> 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	Low exposure (< 50% of OEL)
C	Possible	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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-

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						