	Next Review Date G605/2027 Template identifier: 240-70044599 (every 2 years):	Name: Alson Singh Document identifier 559-61606409	Designation: Contracts Manager Revision number: 5	Signed: And Revision date: 30-Apr-25	rision	-	Control Owner Requirements	Person allocated the respectable by the regiment of composite bits by the agreed controls. Where relevant liet the respectable by the regiment of controls. Example to controls.														
		bi Authorised by:	Joe Mmako Des	<u> </u>		sk assessment procedure 32-520	Existing Controls	Include: - Preventies Controls - Presente Controls - Preventies -														
Occupational Health and Safety Baseline risk assessment template	Scope Meinterance and minor project work for Estern INTOSA and Broedband Infraco quire fibre network on an as and when required basis for a period of three (3) years			(c) partition		Refer to Occupational Health and Safety Risk assessment procedure 32-520	Associated risk Risk type What are the possible consequences?	A chance that highy, ill health or damage could Salety or Consider the votre case scenario occur as a result of uncontrolled hazard, health		Compiled by :	, year oo	Contract Custodian	Date: 14/05/2025									
	Telecommunications Business/Operating unit:	Date: 08/05/2025				_	List activity Hazard Identification	Let specific activities to be performed taking Anything with potential to cause of harm. A complexition has appropriate to be used. Note: A hazard can pose more than one risk. Note: A hazard can pose more than one risk.		Compiled by:	MMSihi	Settion Avisor OHS	1.									

Business/Operating unit:	elecommunications		Scope	national Health and Safety Baseline ris Maintenance and minor project work for Eskom / NTCSA and Broadband Infraco optic fibre network on an as and when required basis for a period of three (3) years	sk assessment template			Next Review Date (every 2 vears):	06/05/2027	Template identifier:	240-70044599
Date: 06/4				Compiled by	Massigo Maiki Joe Mirrako	Authorised by:	Name: Aliso Designation: Signed: Date:		anager	Document identifier Template Revision number: Template Revision date: Document Rev Number	559-61606409 5 30-Apr-25
			Refer to O	ccupational Health and Safety Risk as	sessment procedure 32-520					Document Nev Humber	
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls					Control Owner	Legal and Other Requirements
List specific activities to be performed taking into consideration the equipment to be used. No personnel involved in the task.	Anything with potential to cause of harm. Note: A hazzard 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: - Thereatiface Controls (controls implemented be limitate hazards or reduce the liashchood of the risk occurring), and I-Bacchee Controls. (controls implemented for druce the immediate impact of the and occurring) Elimination Substitution Engineering controls Administrative controls Administrative controls	Consequence	Likelthood		Risk Priority Rafing	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and o Eskonn requirements the prescribe the control.
Working in a building made with Asbestos/ with Asbestos Roding	ossible exposure to Asbestos fibres	Inhalation of asbestos fibre	Health	Occupational Disease (Asbestosis)	Elimination, substitution, Engineering controls not possible Administrative: OH monitoring programme in place! Administrative: OH monitoring programme in place Administrative: Of the programme in place of exposure to Asbestos. Phaseout programme in place PPE: Masks provided	3	A	3A	IV	Contractor	hypefink and BY-laws sheet, Risk Assessment Procedure(32-520), Regulations 14 (1- 6)Asbestos that forms part of the structure of workplace, building, plant or premises:
Inco	correct lifting and Loading	Body strain and muscle pull	Health	Possible injury and occupational illness	equipment casing allocated in pool vehicles PPE: Not applicable	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); Manual Handling Guideline (240- 112913285); ISO 45001
	oor Erganomics	Body strain and muscle pull	Health	Possible injury or illness	Elimination, substitution, Engineering controls not possible Administrative: Awareness raised on ergonomics, Continuous risk assessment conducted for specific tasks. Occupational Health Risk Assessment conducted PPE: Not Possible	2	A	2A	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); Manual Handling Guideline (240- Refer to column A -
Equipment Handling	competence in the use of equipment	Possible Pricks, Stabbing, and punctures	Safety	Possible injury	Elimination, substitution, Engineering controls not possible Administrative: Training procedure, skills management training. Technical training matrix in place and implemented, Skills transfer implemented PPE: Not Possible	3	В	38	ш	Contractor	Refer to column A - hypefink and BY-laws sheet, Risk Assessment Procedure(32-520); ISO 45001, Equipment installation Standard ETST0488; ISO 45001(4.3.1.4.4.2)
Use	se of Faulty Equipment	Possible electrical Shock	Safety	Possible injury	Elimination, substitution, Engineering controls not possible Administrative: Procedure on calibration of equipment in place, Quality lest certificate in place, Supplier takes the risk of replacement for study equipment. Equipment configured before installation.	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); ISO 45001
Def	efective Hand Tools	Possible Pricks, Stabbing, and punctures	Safety	Possible injury	Elimination, substitution, Engineering controls not possible Administrative. Toolbox issued to all technicians, Regular inspection of tools, Contractor Management PPE: correct gloves issued for normal handlools (Defective tools are prohibited)	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); Hant tools Procedure (ETPR0737) Tools inspection checklist; ISO 45001(4.3.1.4.5.3)
Equipment installation & Monitoring of the installation	correct use of a Ladder	Possibility of falling	Safety	Possible injury	Elimination, substitution, Engineering controls not possible Administrative: Ladder inspectors appointed, monthly inspection of ladders PPE: Not Possible	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), GSR 13A (1-6) Ladders; Safe use of ladders (240- 117017165)
unfa	ufsvourable weather condition (Lightning strikes ad surges)	Damage to equipment/Electrocution	Safety	Possible damage to equipment and/or injury/fatality	Elimination, Substitution controls not possible Engineering: Lightning arrestors installed up protect equipment. Administrative: Proper earthing protection at sites. Not working outside during lightning storms, PPE: Not Possible	3	A	3A	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); ETST0017; ISO 45001
Inco	correct Hand Tools (improvisation)	Possible Pricks, Stabbing, and punctures	Safety	Possible minor, Major injury or fability	Elimination, substitution, Engineering controls not possible Administrative: Toolbox issued to all technicians, Regular inspection of tools, bods managed in terms of replenishing tools that are wom out PPE: Not Possible	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); Hand tools Procedure (ETPR0737); ISO 45001
Pulling of cables in the equipment room	correct pulling of cables	Possibility of being struck by the loose cable or Whiplash	Safety	Possible minor or major injuries	Elimination, substitution, Engineering controls not possible Administrative: Task Risk assessment conducted, Awareness on eropnomics conducted	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure/32-520i: ISO
	ables lying around the equipment room	Possibility of trips, and fall	Safety	Minor or major injuries	Elimination, substitution, Engineering controls not possible Administrative: Inspections of high site is carried out	3	A	3A	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment
Ехр	cposure to live wires	Electrocution or electric shock	Safety	Possible injury or fatality	periodically, BSO conducted on periodically, Elimination, substitution, Engineering Controls not possible Administrative: Employees accessing sites trained on safe handling of AC. Employees undergo low voltage authorization. Employees assessed every three Years. Awareness on life	2	В	28	IV	Contractor	Procedure(32-520); Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), 32- 520
Working in an AC environment (Earth, leakage testing)	competence in handling AC	Possible electrocution or shock	Safety	Possible injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Employees accessing sites trained on safe handling of AC. Employees undergo low voltage authorization. Employees assessed every three Years. Awareness on life saving rules PPE: Air resistant overall with CAL rating	3	В	38	ш	Contractor	Refer to column A - hyperfink and BY-laws sheet, Risk Assessment Procedure(32-520), Electrical Regulation,
Sho	nort Circuiting	Possible fire	Safety	Possible injury or fatality	Elimination, substitution, Engineering controls not possible possible Administrative: Employees accessing sites trained on safe handing of AC. Employees undergo low voltage authorization. Cornect PPE issued and fested as required. Employees assessed every three Years. Awareness on life saving rules PPE: Are resistant overall issued or devent employees	3	В	38	ш	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32- 520),Electrical regulation ISO 45001
AC Installation - Light fittings Exp	sposed live wires	Possible shock or electrocution	Safety	Possible injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Employees accessing sites trained on safe handling of AC. Employees undergo low voltage suthorization. Cornet PPE issued and tested as reguired. Employee assessed every three Years. Awareness on life saving rules PPE: Acr resistant overall saved to relevant employees	3	В	38	ш	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); Electrical Regulation, ISO 45001
Open, and isolate the circuit breaker and Inco	correct isolation	Possible shock or electrocution	Safety	Possible injury or fatality	PPE. Arr. resistant overal is sued to relevant emolovese Elimination, substitution, Engineering controls not possible Administrative: Employees accessing sites trained on safe handing of AC. Employees undergo low voltage authorization. Cornet PPE issued and tested as required. Employee assessed every three Years. Awareness on life swring rules BDE. Are resistent cursual laws and holleant employees.	3	В	38	ш	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), ISO 45001
Testing of the DB Board Inco	correct testing of the DB board	Possible shock or electrocution	Safety	Possible injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Employees accessing sites trained on safe handling of AC. Employees undergo low voltage authorization. Cornect PPE issued and lested as required. Employees assessed every three Years. Awareness on life saving rules PPE: Air cresistant overall staved for elevant employees	3	В	38	ш	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), ISO 45001
logging into Equipment using test equipment. & / Laptops Lact	ick of working space	Straining muscle/ back injuries	Safety	Possible Musculoskeltal disorder	Elimination, substitution, Engineering controls not possible Administrative: Safe Working Procedure, Task specific Risk Assessment, SMAT Observation, Job Observation PPE not possible	3	С	3C	1	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), ISO 45001

Business/Operating unit:	Telecommunications			COVID-1 Scope	9 RISK ASSESSMENT Maintenance and minor project work for Eskom / NTCSA and Broadband Infraco optic fibre network on an as and when required basis for a period of three (3) years		Next Review Date (every 2 years):	06/05/2027	Template identifier:	240-70044601
Date:	06/05/2025			Compiled by	Masego Maibi Joe Mmako	Authorised by	Name: Alson Singh Designation: Contra Signed: Date:	cts Manager	Document identifier Revision number: Revision date: Content Revision No.	559-61606409 5 30-Apr-25
List activity List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Hazard Identification Anything with potential to cause of harm. Note: A hazard can pose more than one risk.	Associated risk A chance that hjury, ill health or damage could occur as a result of uncontrolled hazard.	Risk type Safety or health	efer to Occupational Health What are the possible consequences? Consider the worse case scenario without controls?	and Safety Risk assessment procedure 32-520 Existing Controls Include: -Preventibles -Pre	Consequence	Lkelihood	Risk Priority Rating	Control Owner Person allocated the responsibility for implementing the agreed controls	Legal and Other Requirements Where relevant, let the relevant legislative and or Esionn requirements that prescribe the control.
Access Control	Any person infected with COVID-19	Continuing COVID-19 through contact with infection disspires.	Health	Local transmission of the virus to exposed employees country for the control for child/files All pressons that are all affected being solded. Postive COVID-19 cases.	Substitution Engineering controls Administrative controls Substitution - None Engineering controls - None Administrative controls 1) Adequate provision of hard waiting facilities including scap 1) Adequate provision of hard waiting facilities including scap 1) Adequate provision of hard waiting facilities including scap 1) Adequate provision of hard waiting facilities including scap 1) Adequate and the scale of the scale of the scale of the scale property of the scale of the scale of the scale of the scale 1) A harding of access original. Administrative controls 1) A harding of access scale, identification code to be shown by the employee in the scale of the scale of the scale of the scale 1) A harding of access scale, identification code to be shown by the employee in the scale of the scale of the scale 1) A harding of the scale of the scale of the scale 1) A harding of the scale of the scale 1) A Record was controlled to specify the place 1) A Record was controlled to scale of the scale 1) A Record was controlled to your the place of the scale 1) A Record was controlled to your the place and common 1 are an extension of the scale of the scale of the scale 1) A Record was controlled or COVID-19 General 1) A Record was controlled on COVID-19 Power 1,0 A Record was controlled to review the scale of the procession 1) A record procession 1) A Record was controlled on COVID-19 Power 1,0 A Record was controlled on COVID-19 Power 1,0 A Record was controlled for Vision or visions senting 1,0 A Record was controlled for the Scale or visions senting 1,0 A Record was controlled on coviD-19 process 1,0 A Record was controlled on COVID-19 Power 1,0 A Record was controlled on visions senting 1,0 A Record was controlled on visions senting 1,0 A Record was controlled and the coviders 1,0 A Record was controlled and the coviders 1,0 A Record was controlled and the coviders 1,0 A Record	5	D		Contractor	Cocupational Health and Safely Act. Hazardous Biological Agents Regulations Considered Corporation Control Control Control Safely Act. Safely Act
	Objects and surfaces contaminated with COVID-19, e.g. Unhyglenic biometric units	Centrading COVID-19 through bucking surfaces begands with contaminated droplets from an infection person white conducting work activities which conducting work activities.	Health	Local transmission of the virus to exposed employees causing lost time of failshifes causing lost time of failshifes 2.4 kmpthyses that and attacked being solded. Postive COVID-19 cases.	15) Appropriate PPE for security officerstemployees conducting screening security officerstemployees. Stendardson-Noon Stendardson-Noon Engineering controls. None Engineering controls. None Engineering controls None Administrative controls 1) Frequent sensitives or the objects and surfaces with strict hygiene protocol implements, destrictions conds to be shown by the employee? without to the security Guards - across control by the employee? without to the security Guards - across common amount and the Causto to open the gather visitors. 3) Deploy signage incidenting COVID-19 measures all common amount and entirons. 5) Assuremess conducted on COVID-19 protocol and precautions. 6) Described risks pits use of biometric sensors. 7) Sixtle prescord implice protocol advanced by the control of the control o	5	D		Contractor	Congational Health and Sellety Act. Hazardous Biological Agents Regulations. Collective Consolidated COVID-19 Direction on Congational Health and Collective Consolidated COVID-19 Direction on Congational Health and Collection Congational Health and Collection Collection Collection (Collection Collection Collection). Collection C
Alcohol Breathalyser, Testing	Interested employee and tweshalpser contaminated with COVID-19.	Contracting COVID-19 when using a contaminated breathlyser	Health	Loof semistant of the visua to epoind engine causing lost time or feathly/recausing lost time or feathly/re a affected being solded. 3. Postfve COVID-19 cases.	1) Temporary prohibition of Alcohol Drug testing, e.g. Seathstupiers. Substitution: Substitution: Substitution: Substitution: Substitution: Complaints to Alcohol Testing Using A Breathstylers as per reconstruction. Substitution: Substituti	5	c		Contractor	Congadowal Health and Salley Act. Hazardous Biological Regulations Regulations Regulations Co. 2 Directive Consolidated COVID-19 Direction on Coopstional Health and Self-Measures Format Workplaces Self-Measures Format Workplaces (SNR 1631 of October 2020)
Employees conducting, work and being exposed to contaminated objects, and surfaces from an infected person. Iterations utraces, continued to the contamination of the contaminati	Comminished objects and surfaces with COVID-19.	Contract COVID-19 from contennated objects and surfaces	Health	Lod themension of the visual to eposed employees causing lost time of fashighest causing lost time of fashighest that or adhested being solded. 3. Positive COVID-19 cases.		5	С	II	Contractor	Congalorium Health and Safety Act. Hazardous Biological Health and Safety Act. Hazardous Biological Regulations Regulations Regulations Current Consolidated COVID-19 Direction on Congalorium Health and Safety Health

Employees conducting, work and having poor, hotiere practices (Not, washing or antitiage of, hands frequently, touching faces, touching, possible contaminated surfaces and not, washing/santiting hands thereafter, out, disinfecting workspace]	Poor hygiene pradices	Contrading COVID-16 from contaminated surfaces due to poor hyderic practices	Heath	Local transmission of the virus to exposed emptyees causing lost time or faithful causing lost time of tailings, and J. A emptyees that are affected being socialed. Nositive COVID-19 cases.		5	С	1	Contractor	Conceptional Health and Safety Act. Hazardona Biological Agents Regulations Directive Connectional COVID-19 Directive Connectional COVID-19 Direction on Coupcident Health and Safety Measures in Certain Vitoriplaces GNR 1031 of Cubdere 2020
Employee's health and, wellness when, conducting their normal, shries	Inflected employee and objects contaminated with COVID-19.	Employees having 16-8e symptoms or down model condition due to having been not controlled with Symptomatic. An appropriate, or any experience of the symptomic or any experience or any experience of the symptomic or any experience of the symptomic or any experience or a	Heath	Local transmission of the visua to exposed myst. See a consist of the control of the contro	Elimination-None Substitution-None Engineering controls: None Engineering controls: None Engineering controls: None Annellistatives controls Controls: Annellistatives controls Controls: Annellistatives controls Controls: Annellistatives controls Controls: Annellistatives Contro	5	D		Confractor	Congeliora Health and Safely Azt. Hazardous Biological Health and Safely Azt. Hazardous Biological Health and Hazardous Biological Health and Landerson Consolidated COVID-19. Jacobson on Coopedinal Health and Safely Measures in Certain Victoripators GNR 1031 of October 2020
Employees diagnosed with COVID-19.	Infectiod employee and objects contaminated with COVID-19.	Explores using poster after bring in control with limited people or normal with limited people or having travelled to high risk areas.	Heath	Lod themension of the vivus to eposide migration of the vivus to eposide migration or the first themension of the vivus to eposide migration of the vivus to eposite or t	Elimination-None Engineering controls-None Engineering controls-None Engineering controls-None Engineering controls-None Administrative controls 1) There as a process in place to ensure that employee remain and controls of the controls of the controls of the controls and the controls of the controls of the controls and the controls of the controls of the controls and the controls of the controls of the control of the must be monitored for cose management and to ensure that the control of the controls control of the control of the must be monitored for cose management and to ensure that the control of the control of the control of the must be monitored for cose management and the ensure that 3) All employees so the best possible must be processed in place of Control changing be done as for as reasonably practicable. 5) Employees are encouraged to install the COVID-19 Power Ago See description of the photos and these processed controls of the photos and these processed controls of the control of the 10 Employee to see of the controls 10 Employee to see of the period of the 10 Employee to see of the controls of the photos and these processed controls 11 All employees, controls, visition to always wear apongruide PPE and saniface their hands.	5	c	1	Contractor	Coppinion Health and Safety Az: Hearthora Biological Ageinet Regulation Regulation Culture Director on Corporational Health and Directors on Corporational Health and Experiment Company Directors on Company Director
Employees traveiling, tracether on Eskorn, houses for pool, streme, or hired vehicles)	Intected employee and surfaces contaminated with COVID-19.	Coise contact batteria employees which travelling poses a risk of COVD-19 harders as the visus greads through Amproband Persons as vel. 2. Contrad COVID-19 horn contaminated whiche surfaces.	Heath	Loof transmission of the vision to epoce any one causing lost time or frashjere causing lost time or frashjere and affected being solded. 3. Postfve COVID-19 cases.	Elimination Notes Sheel Institute: 1) Reduction of business travelling and the use of virtual meetings. Engineering controls - None meetings pertaining to the mandatory nucleur of popular desired per varieties of propose advanced per varieties and durinfeeds before and after disemberking. 3) Employees to work on home where posable. 4) Employees are encountaged to neate the COVID-19 Power 4) Employees are encountaged to neate the COVID-19 Power 5) Avantages conducted on COVID-19 protocol and precautions. 5) Avantages conducted on COVID-19 protocol and precautions. 10) Travelling has been reduced until further notice and the controls listed above with the popular variety or protocol	5	D		Contractor	Consignation Health and Safety Act. Hazerfore Biological Agents Regulations Regulations Plant Service Control of Control Direction on Compational Health and Service Control Service Control Service Control Service Con
Employees using Public Transportation (Taxix & Buses)	Intected employee and surfaces contaminated with COVID-19.	Centracting COVID-19 from contaminated vehicle surfaces	Health	virus to exposed employees causing lost time or fatalityles 2. All employees that are affected being isolated.	Elementation I Employees anowing from home. Substatitudion-None Engineering controls. Name Administrative controls To Flow the CDUI-S19 transport measures pertaining to the mandative your base, and the controls I Flow the CDUI-S19 transport measures pertaining to the mandative your base, and the control of the c	5	D	_	Contractor	Considered Health and Safety Act. Historiton Biological Agents Regulations. Place of the Regulations Place of the Regulations of Commission of Commission Place In and Direction on Compational Health and Extensive Measures or Environmental Safety Measures or E

Steeping over using guest accommodation during, COVID-19.	Infected hotel staff and fellow lodgers Contemnated surfaces with COVID-19.	I Combang 2010-19 horn contect who felded persons is or contentrated who felded persons is or contentrated authors / cohing / teeding.	Health	Local transmission of the virts to exposed employees when the second employees a consideration of the virts to expose employees and the second employees are second employees and the second employees and the second employees and the second employees are second employees and the	Elementarion-None In Reduction of business travelling and sleeping over and the same of virtual meeting. Engineering controls-Nane Administrative controls-Nane 2) Ensure employees only utilise the pre-approved accommodation 3) Travelling and eleeping over has been reduced until further control duriness to seeling and leveling over teamers again control duriness to seeling and leveling over teamers again control duriness to seeling and leveling over teamers again pressurations. 5. Identification and risk assessment for vulnerable employees and fless for dury by the confriend by the medical centre. Personal protective equipment (PE) 0. Employees to view 3 byeed doth masks when in public	5	D		Contractor	Coccapitational Health and Sallely Act. Health and Sallely Act. Health and Sallely Act. Health and Sallely Act. The Sallely Act. Th
Social Interactions during tea breaks/work breaks	Inteched engligee and objects contaminated with COVID-19.	Centraling COVID-19 flus to be reprojected control of the control	Heath	visus be exposed employees countries for contribution of countries of the	Emination-Neos Substitution- 1) Emilysies currently working from home. Emplemering controls-None Administrative controls Emplemering controls-None Administrative controls 1, Newmens conscious of CVVID-19 protocol and 1) Newmens conscious of CVVID-19 protocol and 1) Newmens conscious of CVVID-19 protocol and 1-statucious for any other controls 1-statucious for any other 1-statucious foreaction for any other 1-statucious for any other 1-statucious for	5	C		Contractor	Conceptional Health and Salely Act. Haustracks Biological Agents Regulations. Regulations. Concentrational Society Act. Technological Agents Concentrational Health and Concentrational Health Agent Act Concentrational Health and Concentrational Health Agent Concentration Health Agent Concentration Health Agent Concentration Health Agent Concen
Face-to-Face Meetings	Coming into contact with infected persons, contaminated object or surfaces.	with contaminated surfaces and exposure to an infected person.	Heath	1. Load immerission of the vivus to exposed engine classification of the control	Elimination-None Southstudion 1) Virtual meetings where possible. Engineering controls—None Engineering controls—None Engineering controls—None 1) Awareness conducted on COVID-19 protocol and pressulation Employees to wash hands with water and soap for all least 20 seconds Responsible Employees to wash hands with water and soap for all least 20 seconds Responsible Employees to wash marksteader all off lens. 2) Provision for water and soap at the office for washing of hands. 3) All persons to self-corent before entering the enficienties. 4) Responsible societies grounducted before entering 9 5) Signage inclusing COVID-19 measures disclayed. 6) Employees to wash for more have provided price. 7) Sirrigent Hygiene and Sooia Distancing-Protocol in place. 7) Sirrigent Hygiene and Sooia Distancing-Protocol in place. 7) Sirrigent Hygiene and Sooia Distancing-Protocol in place. 7) Sirrigent Hygiene are Sooia Distancing-Protocol in place. 7) Sirrigent seasonsers for varieties employees, Protocol and protocol in complexity. For complexity of the seasonsers for varieties employees, Protocol and protocol in complexity. For complexity of the seasonsers for varieties employees, Protocol and protocol in complexity. For complexity of the seasonsers for varieties employees, Protocol and protocol in complexity. For complexity of the seasonsers for varieties employees, Protocol and seasonsers for varieties and seasonsers for varieties of the seasonsers for varieties and seasonsers f	5	c		Contractor	1. Occupational Health and Safely Act Haracrous Biological Health and Safely Act Heaptings Committee (Committee Committee Com
Working at Offices where there is no running water. Itemporarity)	Unavailability of running water.	1. Increased risk for contracting COVID- 19	Health	Local transmission of the visus to exposed employees causing jotst time or fatallylies. 2. All employees that are affected being isolated. 3. Positive COVID-19 cases.	Elimination None Substitution: 1) Enablesse currently working from home or alternative site. Engineering controls—None Engineering controls—None 1) Provision of possible water when possible. 2) Averames on poerantly signe a COUID-19 measures. 3) Engisysses to falso the Employee right of refusal to work in unarise situation. 4) Averamens conducted on COVID-19 protocol and manage situations are all the controls of the control of the co	5	В	ı	Contractor	Concaptional Health and Sallerly Act Haractivos Biological Resource Regulations Regulations Consolidated COVID-19 Direction on Consolidated COVID-19 Direction on Consolidated COVID-19 Consolida

			Occupatio	nal Health and Safety Baseline risk as	sessment template					
Business/Operating unit:	Telecommunications		Scope	Maintenance and minor project work for Esionn / MTCSA and Broadband Inflaco optic fibre network on an as and when required basis for a period of three (3) years			Next Review Date (every 2 years):	06/05/2027	Template identifier:	240-70044600
				years						
Date:	06/05/2025				Masego Msibi Joe Mmako	Authorised by:	reame. Auson		Document identifier	559-61606409
				Compiled by	Joe Minaro			ontracts Manager	Template Revision number:	
							Signed: Date:		Template Revision date:	30-Apr-25
		Re	efer to Occup	ational Health and Safety Risk assess	ment procedure 32-520		Date:		Document rev number	
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls				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?	Provention Controls controls implemented to eliminate hearer's or reduce the likelihood of the risk occurring), and Pacetive Controls (controls implemented to reduce the immediate impact of the risk countring). Elimination Subdishipsion Engineering controls Administrative coetrols.	Consequence	Ukelhood	Risk Priority Rating	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and o Estom requirements the prescribe the control.
	Working without a permit	Electroculian	Safety	Possible injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Task risk assessment done for the tasks, toolbus talks conducted for pairwing purpose, Monitoring of the saving rules in piles, prosess of work pare to followed, ORHVS training lated as accorditations PPE: Air resistant overall issued to relevant employees	3	А	N	Contractor	Refer to column A - hyperlink and BY-laws sheet; Occupational Health & Safety risk assessment procdure (3 520), Life Saving Rules, ORHVS; ISO 45001
Working is an HV environment +BER & Monitoring in an HV environment (Roske)	Poorly maintained equipment	Possible explosion	Safety		Elimination, substitution, Engineering controls not possible Administrative: Access restriction process implemented, emergency perpendiess procedure, contingency plan, suspenses asset frough induction PPE: Full PPE tossed as is a requirement when entering a substitution	4	В		Contractor	Refer to column A- hyperlink and BY-laws sheet, 32-122; House heeping-Regulation 6 (1 & 2 a-6), Regulation 9 (1 & 2) - Fire Procursion & means of egress; 240- 92065235; Occupational Health & Safety risk assessment procedure (3 520) ISO 49001; 240- 92065235; ISO 45001
		Possible electrical flash causing burns	Safety	Possible injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Task specific risk assessment conducted before work is done, access restricted, emergency preparedness procedure, confingency plan, awareness raised through induction PPET-FILIPPE issued as is a requirement when entering a substantial.	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet; Occupational Health & Safety risk assessment proedure (3 520), Line 40.8, Line; 240.92065235; ISO 45001
	Poor Vegelation Management	Possible burns or smoke inhabition	Health	Possible injury, illness or fatality	Elimination, substitution, Engineering controls not possible Administrative: Vegotation management applying herbicides, Enregency propendenses procedure, proper signage displayed PPE for vegotation management provided to relevant employees (Respirators, overalis, safety books, gloves)	3	В		Contractor	Refer to column A - hyperlink and BY-laws sheet; Occupational Health & Safety risk assessment proedure (3 520), Line 40.8, site emergency preparednes 240-92065235; ISO 45001
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			Occupation	al Health and Safety Baseline risk ass	essment template					
Business/Operating unit:			Scope	Maintenance and minor project work for Eskom / NTCSA and Broadband Infraco optic fibre network on an as and when			Next Review Date	06/05/2027	Template identifier:	240-70044599
business/operating unit.				required basis for a period of three (3) years			(every 2 years):			
Date	06/05/2025				Masego Msibi	Authorised	Name: Alis	on Singh	Document identifier	559-61606409
					Joe Mrnsko	.,		: Contracts	Document rectioner	559-61606409
				Compiled by			Manager		Template Revision number:	5
				Complied by			Signed:		Template Revision date:	30-Apr-25
							Date:		,	30'Api-23
		Pad	lar to Coounc	tional Health and Safety Risk assessn	sont proceedure 22 520		Date.		Document Revision Number	1
			l		lan procedure service				1	
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls				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 , it health or damage could cocur as a result of uncontrolled hazard.	Safety or health	Consider the worse case scenario without controls?	Incommendent Controls Controls implemented to eliminate hazards or reduce the institution stage and the first countries implemented to eliminate hazards or reduce the institution of the first countries; and Finderive Corrols Controls implemented to reduce the immediate impact of the instruction of the countries Eministruction Eministruction Eministruction Emplementing controls Administratives controls	Consequence	Likethood	Risk Priority Rating	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
	Poor Personal hygiene	Possible infections from bacterial infestation	Health	Possible Occupational liness infections LTI Fatality	Permandant satisfactured transfer in the control of	5	В		Contractor	hyperlink and BY-laws sheet. Facilities regulation SHE rep inspection form- 240-160462274, Occupational Health & Safety risk assessment
	Poor Ergonomics	Muscufoskeletal disorders	Health	Wrist, back, legs, shoulders, muscle and joint strain LTI Musculoskeletal disorder	Elimination & engineering controls were explored but not possible. Substitution - Office occupants are provided with expouncingly designed drain, engineers alreaded table office drains home. Administrative - Exponentic surveys conducted, engonomical assertes strating, some issued with house plant of the support shared, some asserted with more passive office to surveys conducted, engonomics assertes strating, some issued with house passive of the support shared. Some strategies and with the conduction of the surveys and	4	С	ı	Contractor	Refer to column A - hyperlink and BY-laws sheet. Ergonomics regulation, Cocupational Health & Safety risk assessment proedure (32 520) SHEQ Policy, occupational hygiene standard
	Use of Ums/ Boilers in the kitchens	Possible burns	Safety	Skin burns, LTI	Elimination & engineering controls, substitution were expired but not possible. Administrative "winning signs placed next to each Um to sensitise the user's to take precautions when using it. Awareness raised on safe use, SHE Rep inspections conducted and reporting of defects to ERE. PPE not applicable	4	В		Contractor	hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520) SHEQ Policy, SHE rep inspection form- 240- 160462274
	Poor Hyglene	Possible exposure to communicable diseases	Health	Possible illness	Elimination & engineering controls, substitution were explored but not possible. Administrative - Morthly Health and Safety Inspections done on work areas including hygiene facilities by SHE. Representatives. Desiration reported to scalibles, Deviations escalated to SHE Committee for tracking and closure, deviations reported by ERE. Employees allowed to work from home or other Eskom sites. Cleaning services has been south!	2	В	W	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520), SHEQ Policy, SHE rep inspection form-240- 160462275
	Incorrect use of Staircases	Slip trips and falls	Safety	Possible Injury (Twisted ankle, broken limbs and other injuries) LTI	Elimination & engineering, substitution controls were explored but not possible. Administrative - Austreams raised on safe use of staircases when ascending or descending takens, Signage's placed next to staircases, SSO conducted, reporting any defects to ERE, SHE tep inspections.	4	В		Contractor	Refer to column A - hyperfink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520), ISO 45001
	Wet Floors	Slip trips and falls	Safety	Possible Injury (Twisted ankle, broken limbs and other injuries) LTI	Elimination & engineering, substitution controls were explored but not possible. Administrative 'university gisrel' floor slippery when wet) available and used during floor cleaning. Reporting of unsale conditions that may lead to slipping and falling. Regular inspection of workplaces done to identify conditions which have a potential to cause falling PPE not applicable	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520); ISO 45001
	Uneven Floor	Slip trips and falls	Safety	Possible Injury (Twisted ankle, broken limbs and other injuries) LTI	Elimination & engineering, substitution controls were explored but not possible. Administrative: Varing signs(uneven surfaces) available Awareness nised on wearing of cornect shoes. Reporting of unsafe conditions them yeard to sligning and falling, Regular inspection of workplaces done to identify conditions which have a potential to cause falling PPF tent applicable.	3	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (3/ 520); ISO 45001
		Fire	Safety	Injuries(FA, MI,LTI & Fatalities)	Elimination & substitution were explored but not possible. Engineering controls-Proper Storage areas Available. Administrative-SHE Representative inspections, VFL Monthly fire equipment inspections, Emergency prepardness plan & emergency team apoprieted PPE not applicated.	5	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520, SHE REP Forms
	Poor Housekeeping	Slips, trips and falls	Safety	Injuries(FA, MI,LTI)	Elimination & substitution were explored but not possible. Engineering controls-Proper Storage areas Available Administrative-SHE inspections conducted, restrict accessic ge HCA storage), emergency preparedness procedure, contingency plan, awareness on good house keeping PPE not applicable	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520, SHE REP Form
	Poor Verdilation	Impact on health Acute Respiratory infectional Sick building syndrome! Acute or chronic health effects	Health	Occupational diseases (possible Legionela). Temporary respiratory discountric case, medical teatment case (aliergies), heracida teatment periodical teatment headaches, fatigue, shortness of breath, sick building syndromes, sinus congestion, coughing, sneezing, dry eye, nose and froral irrilation, dizziness, nathes, sich irrilation, colds & flu, nauses and possible aggravation of symptoms for people with sathma and altergies	Elementon, substitution & engineering controls, were sopioned but not possible. Administrative hygiene survey conducted periodically leasedown mainterned conducted by facilities on the Arcon system. Puriodic medical surveillance conducted. (5he rep PPE not applicable	3	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520
		Poor visibility which may cause eye strain! Eye sight deterioration	Health	Occupational diseases(Damage to the eyes- long term) Visual discomfort Headaches and strobosopic effects (optical illusions) particularly in sensitive individuals	Elimination, substitution & engineering, controls were explored but not possible. Administrative: Higher surveys conducted periodically, pla- sed down mantenance conducted by facilities on lused light. Breaddown mantenance conducted by facilities on lused light part reporting of both (see). See Impedior conducted and defects reported to the facilities (High parts), Building impaction to be by ETE. Predior models surveillance conducted. Renewald for typine surveys (Some conducted).	3	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 3 520
Doing Admin work (Office, facilities, kitchen, 8. shb.tdores)	Poor Illumination	Stips, Trips and Falls	Safety	Injuries (FAMILTI)	Elimination, substitution & engineering, controls were explored but not possible. Administrative: Hippers surveys conducted periodically, Breakdown maintenance conducted by facilities on losed lipsis, part reporting of election. See Timpers conducted and defects reported to facilities (Help desit, Building inspection to be by ETE, Predicts, See Timpers conducted. Remewald Hippines surveys (Some conducted. Remewald Hippines surveys (Some conducted. Anaeriests raised on the importance of Accident reporting, investigation and implement lin welligation recommendations PPP on deprolated.	3	С		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEO Policy, Risk assessment procedure 32-520
	Improper handling of Hot food and drinks	Possible Skin burns	Safety	Skin Bums (FA,MLLTI)	Elimination, substitution & engineering controls were expired but not possible. Administrative: Warning signs placed next to hydrobols PPE not applicable	3	В	ı	Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520

										Refer to column A -
	Incorrect use of microwave oven	Possible eye & skin burns	Safety	Skin Burns (FA,MILTT) and eye injuries	Elimination, substitution & engineering, controls were explored but not possible. Administrative:Reporting defects to ERE(Help desk) PPE not applicable	4	В		Contractor	hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520
	improper use of a Stove	Possible burns	Safety	Possible injury or fatality	Elimination, substitution & engineering, controls were expired but not possible. Administrative Protection system, restrict access, emergency preparedness procedure, contingency plan, awareness PPE not applicable	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520), 240-92065235; ISO 45001
	improper handling of Boiling water filters	Possible burns	Safety	Possible Injury	Elimination, substitution & engineering, controls were expired but not possible. Administrative: Autreness to sensitise the user's to take precautions when using hydroboils PPE not applicable	2	A	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520); ISO 45001
		Possible inhalation of particulate from cartridge/ Toner	Health	Cataracts (irreversible health effect / occupational disease with permanent health effect)	Elimination, substitution & engineering, controls were expiored but not possible. Administrative: Awareness to sensitise the user's to take precautions when toners or catridges are replaced PPE not applicable	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520); ISO 45001 Refer to column A -
	improper utilization of photocopying machine (printing, faving and scanning of document)	possible Paperout	Safety	Injury (first-aid treatment case)	Elimination, substitution & engineering, controls Awareness to sensitise the user's to take precautions PPE - Those woring with papers extensively use appropriate gloves	2	В	N	Contractor	hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520); ISO 45001
	(pining, saily end scenning of occurrent)	laser light effect on the eye(Ocular damage)	Safety	Damage to the kis, pain or blurry vision	Elimination, substitution & engineering controls were expired but not possible. Administrative - applicable include by some initiatives. I helding and charming-duration included by some initiatives. I helding and charming-duration included by some initiatives are all the control of the cont	2	В	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520
	Exposure to communicable diseases	Possibility of contracting diseases through contact with tollet seets, such as E.coli, Gastrointestinal viruses	Health	Possible illness	Elimination, substitution & engineering controls were expired but not possible. Administrative Provision of sanitary facilities, practicing of proper Hygiene and washing of Hands, Use of Sanitiser (70% Alcohol) PPE – not applicable	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520); ISO 45001
	Improper Shredding of paper	Entanglement which may lead to sufficiation	Safety	Possible Injury, Fatality	Elimination, substitution & engineeringcontrols were expiored but not possible. Administrative - applicable/Safely messages placed near the/Shreddes. Shredders fitted with stop start button PPE- not applicable	5	A	ı	Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520 Refer to column A -
	Working in the Old building	Possible structure collapse	Safety	Injries and Fatalities	Facilities Planned maintanance. (Aircon, Lights, Fire Equipment and lifts), SHE Rep Inspection	5	С		Contractor	hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520)Building Regulations, Engineeral Regulation
		Allergy-like symptoms, breathing difficulties, chest pain, headache	Health	Sick Building Syndrome.	Facilities Planned maintanance. (Aircon.) Medicals Surveillance, Occupational Hygiene Surveys.	3	С		Contractor	hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520)Building Regulations,
	Faulty electrical and network wall points covers	Electroculian/Electrical Shock, Fire	Safety	Minor electrical shock, burns	Elimination & engineering, substitution controls were explored but not possible. Administrative - Applicable SHE Inspections conducted at required intervals; 2. Awareness training on basic office safety raised; 3. Deletchs reported to bardland (ERC)(Hep Desk 5) PPE - not applicable	3	В	-	Contractor	Refer to column A - hyperlink and BY-laws sheet.Electrical Regulation SHEQ Policy, Occupational Health & Safety risk assessment proedure (32-520)
	Poorly Maintained ¹ dd liffs	Caught in between the doors which may cause truises in part of thebody in contact	Safety	Bruises, fractures, and sprains	Elimination, substitution & emplemering controls were explored but not possible. Administrative: a spolicable - Administrative: a spolicable - 1. Senson on the litt installed detect motion and weight capacity. 2. Warring signs displayed to make people aware of how to use this salley spooted to EIE (Field Desk) - 4. Empropry pulmer of control cited sin shaded in the lift 5. Marierance Schedule and records for the lifts from ERE are available.	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. Lifts & conveyor regulation, SHEQ Policy, Risk assessment procedure 32-520
		Stuck in the lift which may cause stress, dusterphobia	Health	Acute Stress, Possible loss of conscienceness	Elimination, substitution & engineering, controls wen- sophined but on passing and passing analysis and passing analysis and p	3	В	-	Contractor	Refer to column A - hyperlink and BY-laws sheet. Lifts & conveyor regulation SHEQ Policy, Risk assessment procedure 32-520
	The exposure to the furnes from various cleaning agents (Delegrants) used by the ERE Cleaning Contactors Improper use of cleaning material	Initiation of nose, eyes, respiratory system, skin initiation	Health	Intiation & Severe pain in the throat. Severe pain or burning in the nose, eye, ears, lip, or forgue, Breatling difficulty, Throat swelling , loss of voice	substances(Z) Awareness raised to encouraging employees that are reacting to the cleaning substances to take air breaks outside the burling while cleaning takes place.) 5. PPE - not applicable	2	С		Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Salky risk assessment proedure (32- 520)
Working in close proximity to co-workers who may have infectious or communicable diseases.	Exposure to Hazardous Biological Agents while applying First Aid' Occupational health nurses)	Contact with contaminated body fluids. Possibility of contracting communicable diseases such as resistant TB, HIV, swine flu, COVID 19 etc.	Health	Possible liness, or Fatality	Elimination, substitution & engineering, controls were explored but not possible. Administrative: Medical clinic on site, General Health awareness conducted on specific health days, Encourage COVID 19 vaccinised for first aiders, Medical waste is disposed off properly. PPE not applicable	2	A	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520); ISO 45001
	Eposure to airborne diseases	Possibility of contracting diseases through contact, As indicated by the national institute of communicable diseases, (Epidemics & pandemics)	Health	Possible liness, or Fatality	Elimination, substitution & engineering controls were explored but not possible. Administrative: Rasing swareness in hand Hygiene, Availability of facilities for hand weshing and for dying of hands, ensure good veriflation, Educating employees on the disease and the mode of spread PPE - Not applicable.	2	В	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32- 520), ISO 45001
	exposure to glare from the computer monitor for prolonged periods	Eye Strain Damage to the optical nerve	Health	Eye Problem - Itichy Tearing eyes, headaches The presence of glare may lead to discomfort and impairment of vision	Elimisation, substitution & engineering controls, were explored but not possible. Administrative: Employees using liptops that have built in screen to sighal trightness. Exployees using liptops that have built in screen to sighal trightness april the filness for Duly which is compulsory for all employees. Employees trained in Egyptomics (dangers associated with gleen explored trained in Egyptomics (dangers associated with gleen explored trained in Egyptomics (dangers associated with gleen explored trained to the computer screens) PPE not applicable.	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Occupational Health & Safety risk assessment proedure (32-520)
Working on a computer		Sight Deterioration	Health	Visual impairment	Elimination, substitution & engineering controls were explored but not possible. Administrative: Employees trained on Ergonomics (taking treaks at intensis) Periodic medical surveillance conducted (Eye tests) PPE not applicable	3	D	ı	Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520

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	Excessive use of computers	1) Body Pains 2) Cappel Turnel Syndrome (Damage to nerves in wrist) and back and neck sches	Health	Back aches / pains and damage to the nerves in wrists	Elimination, substitution & engineering controls were expired but not possible. Administrative - Employees trained on Ergonomics (jaking traces at intervals). Periodic medical surveillance conducted (Eye tests). PPE not applicable.	3	D	ı	Contractor	hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 3-520, 200 - 75567900 Manual of Internal Quality Assurance Management of the Eskom Occupational Hygiene Approved Inspection Authority, 32-
Working in a server room	Noise from equipment and machinery	Hearing impairment	Health	Possible noise induced hearing loss	Elimination, substitution & engineering controls were explored but not possible. Administrative: Noise surveys done, Awareness on noise provided to employees PPE: Ear protection provided for employees	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520); 32-520; ISO 45001
	Exposure to inhalation of furnes (battery rooms, generator etc.)	Irritation of the respiratory system	Health	Possible Lung infection, injury,	Elimination, substitution & engineering controls were explored but not possible. Administrative, Awareness raised on the correct use of PPE when handling HCS, PPE - Correct PPE issued to relevant employees	2	В	N	Contractor	Refer to cournn A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 500 ISC 45004 Refer to rollumn A -
	Poor Illumination	Poor visibility which may cause straining of the eyes	Safety	Possible minor or major Injury	Elimination, substitution & engineering controls were expired but not possible. Administrative Proper Storage areas Available, SHE Inspections conducted, restrict access, emergency preparedness procedure, contingency plan, awareness PPE - Not applicable	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520),Stacking Inspection form (240-166003818). ISO 45001
		Slips, Trips and Falls	Safety	Injuries (FAMILTI)	Elimination, substitution & engineering controls were expired but not possible. Administrative: Hipper earliery conducted periodically, the Beedvorm maintenance conducted by facilities on based light part personnel or bactilities (Help less), Building inspection and reported to facilities (Help less), Building inspection the by EVE, Predicts, Self inspection conducted and the self-predicts of the self-predicts and has been self-predicts and self-predicts and predicts and self-predicts and predicts and self-predicts and predicts and predicts pred	3	С		Contractor	Refer to column A - hyperlink and BY-laws sheet. SHEQ Policy, Risk assessment procedure 32-520
		Possible fire	Safety	Possible minor or major Injury	Elimination, substitution & engineering controls were expired but not possible. Administrative: Proper Storage areas Available, SHE Inspections conducted, restrict access, emergency preparedness procedure, contingency plan, awareness PPE not applicable Elimination, substitution & enumerating controls were	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet. Occupational Health & Safety risk assessment proedure (32 520);Stacking Inspection form (240-166003818).
		Slip trips and falls	Safety	Possible minor or major Injury	climination, substitution & engineering controls were explored but not possible. Administrative: Proper Storage areas Available, SHE inspections conducted, restind access, emergency repearedness procedure, contingency plan, swareness DEF, not accellable. Elimination, substitution were exported but not cossible.	2	В	N	Contractor	hyperlink and BY-laws sheet. Environmental Regulations for workplaces; 240- 166003818, ISO 45001
Working in a staging area	Incorrect Storage and Stacking	Falling boxes and equipment which may cause injury	Safety	Possible minor or major Injury	Emiliation, substitution were equipment but not possible. Engineering controls - Storage facilities allocated internally to ensure that equipment is properly stacked and stored appropriately. Administrative - Awareness raised on good housekeeping practices.	2	A	N	Contractor	Refer to column A - hyperlink and BY-laws sheet, Regulations 8(1- 5);240-166003818 Stacking inspection Checklist. ISO 45001
		Possible body strain leading to musculoskeletal disorder	Safety	Possible minor or major Injury	RDE not anclicable. Elimination, substitution & engineering controls were expired but not possible. Administrative: Awareness raised on ergonomics, Continuous raisk assessment conducted for specific task. Couzaptions Health Risk Assessment conducted PPE not applicable	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet; Manual Handling Guideline (240- 112913285); Occupationa I Health & Safety risk assessment proedure (32- 520), ISO 45001
	Panels falling from roof around the building	Panels falling on an individual and causing harm	Safety	Possible minor or major Injury or fatality	Elimination, substitution controls were explored but not possible. Engineering controls - The Panels have been reinstalled through Eskom Real Estate PPE not applicable	2	A	N	Contractor	hyperlink and BY-laws sheet; 32-95 Incident Management Procedure; Occupational Health &
	Bad driving in the complex	Possible Collision and injury to drivers, passengers or pedestrians	Safety	Possible minor or major Injury	Administrative: Safe Driver Awareness raised continuously, induction conducted to employees and contractors, Random observations done during vehicle safety awareness PPE not applicable	2	В	N	Contractor	Refer to column A - hyperlink and BY-laws sheet, NRTA, 32-95 Incident Management Procedure; Occupational Health & Safety risk
	Jay walking	Possible Collision and injury to drivers, passengers or pedestrians	Safety	MVA, fatality	Elimination, Substitution not possible not possible Engineering controls - construction of speed humps and traffic signs and road markings Administrative - Speed monitoring, awareness training on the dangers of jay warking (Part of the vehicle safety campaign. Induction of emolycese, contractor and visibors	3	В		Contractor	Refer to column A - hyperlink and BY-laws sheet, NRTA, 32-520, vehicle and driver safety management procedure 240-62946386
	Public protesturrests	Tresspassing, Theft, Vandalism, and Injury	Safety	Possible injury or Damage to property	1) - Elimination - not possible 2) Substitution - not possible	3	В		Contractor	Refer to column A - hyperlink and BY-laws sheet, OHS Act, Act 85 of 1993 85 of 1993, Eskom SHEQ policy 32- 727,OHS Baseline Risk Assessment 32-520, Eskom Vehicle Safety and Driver Management procedure 240- 62946386, Eskom Vehicle Safety
	Situated near the lake during unexpected heavy rains. Touch base with Sis Wenzile	Possible flooding during heavy rains	Safety	Possible minor or major Injury or fatality	Elimination, substitution & engineering controls were explored but not possible.	3	В	ı	Contractor	Refer to column A - hyperlink and BY-laws sheet, Environmental Regulations for Workplaces R 8; Emergency preparedness procedure 32-520; ISO 45001
	Working in the vicinity near the getral stations	Possible explosion and fire which may cause injuries	Safety	Possible minor or major Injury or fatality	Elimination, substitution & engineering controls were expired but not possible. Administrative: implementation of lesting and adherence to the Emergracy Presented Service IP. Plast Assessment conducted. Fire risk assessment	4	В		Contractor	Refer to column A- hyperink and BY-laws sheet, Environmental Regulations for Workplaces R 9(182); Emergency preparedness procedure 32-123; Occupational Health & Safety risk assessment proedure (32 520), ISO 45001
Walking or driving around the office.	Situated in a complex which is in close radius to areas where these were mining activities	Possible occurrence of Earth tremors which may escalate to Earthquakes	Safety	Possible minor or major Injury or fatality	Elimination, substitution & engineering controls were explored but not possible. Administrative: Imprendation (Testing) and adherence to the Emergency Preparedness Plasif PE: not explicable	4	В		Contractor	Refer to column A- hyperfink and BY-flaws sheet, 32-123; Emergency preparedness procedure 240-92065235; Occupational Health & Safety risk assessment proedure (32-520) ISO 45001
	Situated in a complex which contains a Helicopter landing padistrip (Helicopter/Aircrafts flying over Simmerpan complex)	Helicopter or aircraft crashing which may result in injuries and property damage	Safety	Possible minor or major Injury or fatality	Elimination, substitution & engineering controls were expined but not possible. Administrative: Implementation (Testing) and adherence to the Emergency Preparadness Plarx, Aviation authorities declared Simmerpan as a no fly zone, ignoring this declaration will cause the risk of the properties of the properties of the PPE: not applicable Elimination, substitution & engineering controls were	3	В		Contractor	Refer to column A- hyperlink and BY-laws sheet. 32-123; Emergency preparedness procedure 240-92065235; ISO 45001 Refer to column A-
		Possible Explosion of flammable acetylene, Ammonium nitrate,	Safety	Possible minor or major Injury or fatality	explored but not possible. Administrative: Implementation (Testing) and adherence to	3	В		Contractor	hyperlink and BY-laws sheet, 32-123; Emergency preparedness procedure 240-92065235; ISO
	Situated in a complex Located at a close proximity to a gas production company	supture of tank, pipes and cylinders	Safety	Possible minor or major Injury or fatality	Elimination, substitution & engineering controls were subjected to not possible. Administration of the production of the production of the delimination of the production of the production of the the Emerginary Program	4	В		Contractor	Refer to column A - hyperlink and BY-laws sheet, 32-123; Emergency preparedness procedure 240-92056235; Occupational Health & Safety risk assessment proedure (32-520) ISO 45001

Situated close to a Substation containing a high voltage yard	Possible (Fire and Explosion from the substation)	Safety	Possible minor or major Injury or fatality	Elimination, substitution & engineering controls were explored but not possible. Administrative: Implementation (Fessing) and adherence to the Emergency Paymonison Sinut. EP fish, Assessment conducted/horizons system, establic access, emergency programminess produce, configency plan, awareness PPE: Not applicable.	3	В	Contractor	Refer to column A- hyperink and BY-laws sheet, 32-123; House keeping-Regulation 6 (1 & 2 a-f), Regulation 9 (1 & 2) - Fire Precaution & means of egress; 240- 92065235; Occupational Health & Safely risk assessment proedure (32 520) ISO 45001
situated 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	Elimination, substitution & engineering controls were expired but not possible. Administrative: Implementation (Testing) and adherence to the Emergency Preparedness Plan, EP Risk Assessment conducted. DISC. Mot expeliable.	3	В	Contractor	Refer to column A - hyperlink and BY-laws sheet; 32-123; Emergency preparedness plan 240-

Business/Operating unit:	Telecommunications		Occu Scope	pational Health and Safety Baseline ri Maintenance and minor project work for Eskom / NTCSA and Broadbard Infraco optic fibre network on an as and when required basis for a period of three (3) years	sk assessment template			Next Review Date (every 2	06/05/2027	Template identifier:	240-70044599
Date	06/05/2025			Compiled by	Masego Moiti Joe Mrreko	Authorised by	Name: Alis Designation	on Singh	Manager	Document identifier Template Revision number:	559-61606409
				Сопцива ву			Signed:			Template Revision date:	30-Apr-25
			Refer to O	coupational Health and Safety Risk as	sessment procedure 32-520		Date:			Document Rev Number	1
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls				Bui	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 , if health or demage could cocur as a result of uncontrolled hazard.	Safety or health	Consider the worse case scenario without controls?	Include: Thewateline Controls Controls implemented to eliminate hazards or reduce the International Controls Controls implemented to reduce the International Controls Controls implemented to reduce the immediate impact of the add cocurring) Elimination Substitution Substitution	Consequence	Likelhood		Risk Priority Rating	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
	Faligue (Mind & body exhaustion)	Attention destructed, loss of concentration (f'alling asleep while ching) which may lead to a motor vehicle accident	Safety	MVA which may lead to injury or fatality	Elimination, substitution, Engineering controls not possible Administrative - Safety Awareness on Istigue Management, Analability, implementation and monitoring of adherence to the travelling Procedure 24th 623463350, MVA reporting done monthly PPE not applicable	3	В	38	п	Contractor	hyperlink and BY-laws sheet, NRTA, Fatique Work Instruction(240- 165682138), Safe Travelling Procedure 240- 62946386; Risk Assessment Procedure 32-520) Task Specific Risk Assessment GETEMARQUICAN
	Poorly maintained vehicle	Mechanical failure which may lead to an accident	Safety	MVA which may lead to injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Notice jamen aminterance, pre-trip inspection. Vehicle & driver Solety assertness conducted PPE not applicable	2	А	2A	IV	Contractor	Refer to column A - hyperfink and BY-laws sheet, NRTA; Safe travelling procedure 240- 62946395; Risk Assessment Procedure 32-520) Task Specific Risk Assessment (ETFM1289)(240- 134630632) ISO 45001 Refer to column A -
	Wildistray animals	Hitting a straying animal which may lead to accidents	Safety	MVA which may lead to injury or fatality	Elimination, substitution, Engineering controls not possible Administrative: Defensive driving done, Vehicle & driver awareness conducted, PPE not applicable	2	А	2A	IV.	Contractor	Refer to column A - hypefink and BY-laws sheet, NRTA, Risk Assessment procedure (32-520), Task Specific Risk Assessment (ETFM1289)(240- 134630632); ISO 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	Elimination, substitution, Engineering controls not possible Administrative: OEC installed in Pool Vehicles, Vehicle & driver awareness conducted, convergence management PPE not applicable Elimination, substitution, Engineering controls not possible	5	В	58		Contractor	hyperfink and BY-laws sheet, NRTA; Aarto, Travelling Procedure 240- 62946386, Risk Assessment procedure (32-520), Task Specific Relation commit A
	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 fatalily	climination, substitution, Engineering controls not possione Administrative. 1. Vehinch & driver safety awareness, 2. Pre and post impections conducted. 3. Pre janning conducted (Travel Route Risk Assessment) 4. BSO conducted. PPE: Not applicable Elimination, substitution, Engineering controls not	4	В	48	п	Contractor	hyperlink and BY-laws sheet, Occupational Health & Safety Risk Assessment Procedure 32-520, NRTA, Travelling procedure 240-
	Exposure to Hijscking/ robbery	Possible assault, rape, stress, trauma, being shot at, hijacking, mugged, kidnapping	Safety	Vehicle being taken, Possible injury or fatality	possible Administrative: Risk Assessment done for every task, Training on advanced and Defensive driving, Awareness on Hijacking, PPE: Not applicable Elimination, substitution, Engineering controls not	3	В	38	п	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure (32-520); ISO 45001 Refer to column A -
	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	Administrative: vehicle & driver safety awareness, training on advance driving, 4x4 training for specific employees PDF: Not anoliscable Elimination, substitution, Engineering controls not	3	В	38	п	Contractor	hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), Safe travelling procedure 240- 62946386: ISO 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	possible Administrative: 4x4 training by employees using 4x4, driver awareness, availability of suitable type of vehicle, permit issued on 4x4 driving. Flash persors for incidents shared through ET communications DEF: Not annificable.	2	В	28	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), Safe travelling procedure 240- 62946386; ISO 45001
	Driving a vehicles 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	Elimination, substitution, Engineering controls not possible Administrative. 1. Vehicle & driver safety awareness, 2. Pre planning conducted (Travel Route Risk Assessment) 3. Tool box talks PPE: Not applicable	4	В	48	п	Contractor	Refer to column A - hyperlink and BY-laws sheet, 32-520, NRTA, Travelling procedure 240- 62946386
Traveling By Road	Adverse weather conditions (Heavy rain, hail storm, heavy winds, snow)	Poor visibility which may lead to a motor vehicle accident	Health	MIVA which may lead to injury or fatality	Elimination: Implementation and monitoring adherence to Procedures prohibiting work in bad weather condition (traveling Procedure See Inswelling procedure 204-6294538), Substitution, Engineering controls not possible Administrative: Verville & diviner safety awareness, Awareness on limiting working only to extreme cases, detentive diving course, PPE: Not applicable	3	В	38	п	Contractor	Refer to column A - hyperfink and BY-laws sheet, Risk Assessment Procedure(32-520), Safe travelling procedure 240- 62946386, ISO 45001
	Poorly Maintained Gravel Road	Vehicle slipping and capsizing leading to an MVA	Safety	MVA which may lead to injury or fatalily	Elimination, substitution, Engineering controls not possible. Administrative: Advanced driver training, vehicle & driver safely awareness, availability and implementation of a Safe drived work instruction (240-1293-045) used to manage driving, scident Nethrolating PPE: Not applicable	3	В	38	п	Contractor	Refer to column A - hyperfink and BY-laws sheet, Risk Assessment Procedure(32-520), Safe travelling procedure 240- 62946396, Safe Off-road (240-112913045); ISO 45001 Refer to column A -
	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	Elimination, substitution, Engineering controls not possible Administrative-Defensive driving, vehicle & driver safety awareness, Awareness on safe driving/Put headights on, limit night time driving. PPE: Not applicable	2	В	28	IV	Contractor	hypefink and BY-laws sheet, NRTA, Risk Assessment Procedure(32-520), Safe travelling procedure 240- 62946386, ISO 45001
	Driving alongside negligent road users	vehicle collisions leading to injuries	Safety	possible motor vehicle pile-up (MVA) which may lead to injury or fatality including Public	Elimination, substitution, Engineering controls not possible Administrative:Continuous risk assessment, vehicle & driver safely awateness(Road rage, exciding reckless drivers, Giving way irrespective to being right!) PPE: Not applicable Elimination, substitution, Engineering controls not	3	В	38	п	Contractor	Refer to column A - hyperlink and BY-laws sheet, NRTA, Safe travelling procedure 240- 62946386, ISO 45001 Refer to column A -
	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	Elimination, substitution, Engineering controls not possible Administrative: vehicle & driver salety Awareness raised e.g dangers of using means of communication white driving. Pool Vehicle Management through Introduction of OBCs; driver training & awareness. Consequence Management	3	В	38	п	Contractor	hyperlink and BY-laws sheet, NRTA, Aarto, Risk Assessment Procedure(32-520), Safe travelling procedure 240-
	Night driving	Poor visibility (Night Blindness)which may lead to an an accident (Collision, htting pedestrians, htting straying animals etc.)	Safety	MVA which may lead to injury or fatality including Public	Risk assessment, Not travelling alone PPE: Not applicable	3	В	38	п	Contractor	Refer to column A - hyperfink and BY-laws sheet, NRTA, Risk Assessment Procedure(32-520), Safe travelling procedure 240- 62946386; ISO 45001
	Unroadworthy vehicle	Vehicle Breakdown or parts failure which may lead to MVA	Safety	MVA which may lead to injury or fatality including Public	vehicle safety specification (Eskom Vehicle Safety Specification 32-345) PPE: Not applicable - remarking substitution - prompering controls not	3	В	38	ı	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), line 54.10; Procedure 32-95; ISO 45001 Refer to column A -
	Road Works area not demarcated well	Accident due to raodworks not visible	Safety	MVA which may lead to injury or fatality including Public	possible Administrative: Training Defensive driving, Safe driver awareness(obeying traffic rules, Report road works in toolbox talk), Awareness and implementation of Safe travelling procedure	2	В	28	IV.	Contractor	hyperlink and BY-laws sheet, NRTA, Risk Assessment Procedure(32-520), Safe travelling procedure 240- conscises ISO 45004

	Driving through a herd of cattle	Which may lead hitting animals which may lead to accident leadind to injuries or property damage	Safety	Possible damage to vehicle or injury	Elimination, substitution, Engineering controls not possible Administrative: vehicle & driver safety Awareness PPE: Not applicable	2	A	2A	IV	Contractor	Refer to column A - hyperlink and BY-laws sheet, NRTA, Risk Assessment Procedure(32-520); ISO
	Travelling in areas where there are protests	possible attack which may lead to injuries or damage to property	Safety	Possible damage to vehicle and/or injury/fatality	Elimination, substitution, Engineering controls not possible possible Administrative: vehicle & driver safety Awareness, profests safety alerts. Sharing protest sierts on possible strike action which enable one to assess the risk. Pre task risk assessment conducted	3	В	38	п	Contractor	A5001 Refer to column A - hyperfink and BY-laws sheet, Risk Assessment Procedure(32-520); ISO 45001
	Driving below the bridges	Loss of control of the vehicle	Safety	Possible damage to vehicle and/or injury/fatality	PPE: Not applicable Elimination, substitution, Engineering controls not possible Administrative: vehicle & driver safety Awareness raised on the control property.	4	В	48	ш	Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); ISO
	Driving across low lying bridges during flash floods	Possibility of being swept away	Safety	Minor or major injury, Fatality	hot spot areas. Elimination, substitution, Engineering controls not possible Administrative: Health and Safety awareness (Vehicle awareness safety campaigns), awareness on no urgency of	4	С	4C		Contractor	Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520): ISO
	Using incorrect vehicle	Vehicle rolling backwards	Safety	Minor, major injury, Fatality	work procedure and implementation thereof) DEF into some and implementation thereof) Ethinistori, substitution, Engineering controls not possible Administrative: Correct Vehicles are dedicated for towing. Procedure for towing in place, inspections conducted on the Winch before they can be used for towing.	3	В	38	п	Contractor	45001 Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), NRTA, ISO 45001
Towing	Unsafe towing practices	Incompetence in towing	Safety	Minor, major injury, Fatality	Elimination, substitution, engineering controls not possible Administrative: Training on towing provided to employees responsible for towing, Driver's licence and specialised permit given to those who tow	3	А	3A	IV	Contractor	hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520); Safe Towing Work Instruction,
	Terrorist related activities	In-flight attack / hi-jacking by criminal suspects	Safety	Injury/fatality of passengers	DBL. Met availiabile Elimination, substitution, Engineering controls not possible Administrative: Awareness on adherence to flight emergency plans announced during flying. DBE: Not spolicable	4	В	4B	ш	Contractor	Refer to column A - hyperfink and BY-laws sheet, Risk Assessment Procedure; 32-520;Civil Avision Act
Travel by air (plane)	Bad weather) or Mechanical failure	Poor weather conditions (Bad weather) or Mechanical failure. Snow / Lightning / Poor visibility / Damage to the aircraft e.g. by hail	Safety	Injury/fatality of passengers	SEE: Not another before pro- Elimination, substitution, Engineering controls not possible Administrative: Awareness on adherence to flight emergency plans announced during flying. PPE: Not applicable	4	В	4B	п	Contractor	Aviation Act Refer to column A - hyperlink and BY-laws sheet, Risk Assessment Procedure; 32-520;Civil Aviation Act
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Business/Operating unit:	Take communic ations		Scope	Maintenance and minor project work for Eskon / NTCSA and Broadband infraco opticitive network on an as and when required basis for a period of three (3) years			Next Review Date (every 2 years):	06/05/202	0.6/0.5/2027 Template identifier:	240-70044599
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Date	05/02/2/2/2					Authorised Na by:	Name: Alson Singh		Document identifier	559-61606409
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			Refer to	Refer to Occupational Health and Safety Risk assessment procedure 32-520	ss es sme nt procedure 32-520		ŀ			
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls				Control Owner	Logal and Other Requirements
Liti quotic achivies to by preferred bining into consideration fine exporred to be used, the parameter indiversal interess.	Anything with powrial to cause of ham. Note: A hazard can pose more flan one risk.	A chance that letuy, il health or damage could occur as a result of uncontrolled healed.	Safety or health	Consider the worse case scenario	Posterinal Controls (control statement to directive branch or reduce the controls are reduced to the controls suppressed to reduce the immediate impact of the reduced to the controls suppressed to reduce the immediate impact of the second to the controls are reduced to the control suppressed to	Consequence	boofilesii.J	Risk Priority Rating	Peron alcoard free naponsibility for mydenening of the agreed comitos	When relevant, list the relevant list the relevant logisticities and or Eskon requirements that prescribe the control.
	Diving in a Hijacking, kidnapping holspot	Possible assaul, rapo, śless, hauna, being sho!	Safety	Possbie hjury or fabality	vas matrix se for	4	8 4B	=	Contractor	reses to country Ar- hypatink and BY-laws sheet (Risk Assessment Procedure (32-520); Incident Management Procedure (32-65) Site Access Will (340- ron arcons) is to Accord
	Poor Road Conditions	Vehicle bsing controlleading to an accident	Safety	Possble MVA writch may lead to hjury or fabality	Safe	е	38	=	Contrador	Neter to couldn't A-hyperlink and BY-laws sheet, Risk Assessment Procedure(32-520), 32- 520, Safe traveling concedure 340.
Sie Acces & Searity	Exposure to Raptonel reacts Reptiles	Positic venomous, bies and strips	Safety	Possble poisonous bites and stings which may lead to Occupational ilmsss or fatality	d how	4	8 89	=	Contrador	Refer to column A- hyperlink and BY-laws sheet, Risk Assessment Procedure (3-2-20); Emergency Plan in case of bees, wasps and tick sance (240,102888972);
	Por vegelation Management	Possible bums or Smoke Inhidelion	Safety	Possble Injury or fatelity	Elimination, substitution, Engineering controls not possible provided, Administrative: Portrable fire cutingsibering provided, Administrative: Provided fire cutingsibering provided, progradiness procedure in places. Site inside cutingsibering variables are settle PPE. Ent lugiplicable.	4	84	=	Contractor	hyperink and BY-laws sheet, Risk Assessment Procedure (32-520); Emergency Preparedness Procedure
	Shes not secured Properly or the site located in a high clime zone	The ft, vardalism, public injury	Safety	Possible public injury or Damage to Property	Elimination, substitution, Engineering controls not Administrative See Security Project in Progress in order of intentive the See Security Project in Progress in order of PPE not applicable.	5	A 2A	2	Contrador	Refer to column A- hyperinik and BY-laws sheet, Risk Assessment Procedure (32-520), Incident Management Procedure (32-95)
	Promper use of PPE	Body exposed to hazarts at site	Safety	Possbe Irjuy	Ellimination, substantion, Engineering control or not possible administration of the service of	2	9 S A	≥	Contactor	Pefer to column A- hyporitic and BY-laws sheet, Resiscement Procedure (32-520), Regulation 2 (11- 7 Personal Safety Equipment, PPE Inspection (340- fexpatra) 33, ISO 45001
Ste Abrifaction - Vogetillon Nanogement	Percent of Hamdous d'amics substinces (Herbiches)	Posable Skin contactinitation) and inhadion of furnes	Health	Possbie Occupational linees	Elliniation, audathation, Eligineering control not considere level richocicle procedure in place and implemented, Assemente Sperior on the land of herbickes, control PEE (seared, Chemical investory) in place, MSDS's in the reviewant for handing investories issued	2	5 A A	≥	Олпадог	Refer to column A- hypelinif and BY-lave sheel. Risk Assessment Poodure(22-63)) HCA Regulation 14 (A-D) & 15, Side management and use of helboides & posticies p.40- 100200485), ISO 45001

Refer to column A- hyperink and BY-laws sheet, Resk Assessment Procedure (32-520); Emergency Plan in case of beas, wasps and tick sings (240-10289502); ISO 45001	reser to cooperint and BY-laws and BY-laws and BY-laws and BY-laws Procedure (32-200), The Fencing Act, No 31 of 1963 Section 22, Section 23, Section 24, Section 24, Section 26, Section 27, Section 27, Section 27, Section 27, Section 28, Section 27, Section 28, Section 28, Section 28, Section 28, Section 28, Section 28, Section 29, Section	Refer to countin A- hypetinik and BY-laws sheet, Risk Assessment Procedure(32- 520), Construction Regulation Management Contract & Contractor Management	Refer to column A- hyperint and BY-laws sheet, Risk Assessment Procedure (32-520), Construction Regulation Management (Contract, & Contractor Management Sendard (32-726), ISO 45001	Rafer to column A- hypatinis and BY-aws shoult Resk Assammin Froodung 22-200. Construction Regulation Contractor Management Contract & Contractor Management Contract & Bandard (32-72). Healing Conservation Procedure (32-42).	Refer to column A- hypatinir and BY-laws anet, Risk Assament Procedure(22-20), Regulations 22(a- f)Cranes 240-39678141;	Referto column A- hyperink and BY-laws sheef, Rask Assessment Procedure (3-250), CR R Z7, Housekeeping on Construction ate, ISO 45001	Refer to column A - hypellink and BY-laws sheet, Rask Assessment Regulations 16 Scaffolding, Contract & contractor management spendor management spendor (12-72); 22 - spendor (12-72); 23 - spendor (Refer to column A- hyperlink and BY-laws sheet, Rsk Assessment Procedure(22-520), CR, 32-726; 32-136; ISO 45001	Refer to column A- hyperlink and BY-laws sheet, Rsk Assessment Procedure (32-520), 32- 726; 32-136; 32-524; ISO 45001	Refer to column A- hyperfirk and BY-laws sheet, Risk Assessment Procedure(32-520), GMR 3 (1-3) Sale guarding of machinery, GMR 4 (1 & 6)Cheration of
Ontrador	Contractor	Ontrador	Ontador	Onitado	Contractor	Confractor	Confrador	Contractor	Contractor	Contractor
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Ellmination, substitution, Eligineering control do not loposoble and Victorial sets of olds were minum control administration being and olds were minum control assertion of employees accessing to set, loads 2 feet and preference or conclused, admissible of the new good set, loads 2 feet and minimip serviced, confirmous assertines, lessafuse PPE Coaless needed formedenat employees.	Ellmination, substitution, Engineering controls not possible Administration, substitution, Engineering controls not concerning signage's available on the farron. COC 15th for the rice available.	Elmination, substitution, Engineering controls not possible Administ where PPE specification in places and implemented. Employee an located correct PPE and agrical PPE sears list PPE. Dust mass provided to relevant employees	Ellimination, aubstitution, Eligibiese ing contre de not considerate elles Sifepuir montaines in pace and Administration of Elegoptication in pace and manuscriptions of Eligibiation of the geodetical or pace and eligibiation of the geodetical or pace oversity in series in provided or pace oversity in series in provided.	Elimination, substitution, Engineering controls not possible to control and to consider the control and the co	Elimination, substitution, Engineer ting control a root definition with corrector function of control at root definition and control and aground or desired Special Conference and control and contractor SEC Plant, Conference and control and desired pains on wingout and managed, (Care leavest description or knowled and managed, (Care leavest description or knowled and managed, (Care leavest description or knowled and managed, (Care leavest description or programment or the finish separate to control or and the control or the finish separate to the control or and the finish programment or the fin	Ellemiesten, autoritation, Engineering control de not considere de not considere de not considere de propriet des ear control propriet des ear control production for through RSO and (sic desendents, Perdodi ringedents are label concluded as les conducted as reste a contribution. The reduces fre chance of the employees who manuages contraction getting injuried also promiseration profit getting the endough of the propriet injuried as to no householding.	Ellemination, substitution, Engineering control da not consider Administrative, Administrative, Administrative, Administrative, Administrative, Administrative, Applicat daes not confocial producions produced in though Sico and (so desendents. Produci inspections are administrative. The reduces the chance or for the employees with orientary and inspection and input and a produced	trammanory remountour, rangement in grain or a rior, possible. Administ take, and copic die are confinally monthold intrough SoS and ide observations. Periodic inspections are also conduced its ensure compliance. The reduces the claims of the remothers who manages confrastors getting injustion to provi househooging.	Elimination, substitution, Engineering controls not possible to possible the provided of the p	Ellimination, substitution, Engineering controls not possible and possible and possible and the properties of the proper
Possible poisonous bites and stings which may lead to Occupational ilmess or istality	Possible emplayee or Public injury	Possible lung infection	Skin Damaga	Nobe intoxel Hering Loss	Possible injury, featify	Possble injury	Possible injury	Possible injury	Possblemnor or major hylny or Istality	Possible injury, possible damage to property
Safety	Safety	Health	Health	Неай	Safety	Safety	Safety	Safety	Safety	Safety
Possible veromous, blees and simps	Electrosulion or Electric Shock	inhalaton of particulate matter or coal dust	Sin Cortect (thelion)	Demagn tife ons	Posible déningation of the cana	Posible lipping and Felling leading to incidents	Possible felling from scaldding colapse which may lead to an incident	Possible falling which may lead to incidents	Beng struck by faling chiects	Being caught, cut or bruised by the machine
Exposure to Raptons/Insecta/Ruptities	Exposure to an electric ferma		Dues) Perfocuse Notice (American Notice)	Exposure to Exposure Noise	Use ofnor Campliant Cranss	Conditors leading to Sips, trips and falls	Scaffothing that is not complaint	Work done at elevated position with no compliance to the work at height requirements	homed containment/selsening of Loses objects	doseving incomed usage of moving machinery less of non complet machinery
	Montoing institution of an Beatin Ferros and Existing Beatinal Ferros				Montoring Construction Activities	-				

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Refer to column A - Inperime and BY-lews sheet, Risk Assessment Procedure(32-520), HOAR 3 (1-4) Information, and Training 1SO 45001	Refer to octum A - Proporting and Pir laws sheet, Rek Assessment Procedut etg. 220, 1 Procedut etg. 220, 220, 220, 220, 220, 220, 220, 220	Refer to column 4. hyparint and BY-laws sheet, Risk Assessment Procedure(5-8-50). CHAR 11 (1-6) Personal Procedure Expirment and Soilies 8. Regulation (1-8) Regulation (1-8) Assessment and Soilies 9. Regulation of hazardous agents #CAA). ISO 45001	Refer to column A- hyperfink and BY-laws sheet, Risk Assessment Procedure (32-520); Emergency Prommethiess Procedure	Refer to column A- hyperlink and BY-laws sheet, Risk Assessment Procedure (32-520), Procedure 32-93, ET Communication Plan (240-12380224)	Refer to column A- hyperink and BY-laws sheet, Risk Assessman Procedure (32-52), Procedure 32-95, ET Communication Plan	Refer to column A- hyperfink and BY-laws sheet, Risk Assessment Procedure (32-520), Procedure 32-95, ET Communication Plan	Refer to column A- hyperink and BY-laws sheet, Risk Assessment Procedure(32-520); 32- 520; Occupational Hygere Programme Hygere Programme 45001	Refer to column A-hyperink and BY-laws sheet, Risk Assessment Procedure(32-520), ERW 3 (1-6) Lighting, Occupational Hypine Programme (240-160266111), ISO 45001	Refer to column A- hyperink and BY-laws sthet, Risk Assessment Procedure (34.20), Regulation 6 (18.2) Vertilation, Occupational Hygiene Cocupational Eggen 190266111, ISO 45001
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<	∢	ω	O	o	o	o	ω	<	60
rs .	2	2	m	69	6	2	m	2	2
Ellmination, substitution, Engineering controls not possible to substitution, Engineering controls of Administratives conduction of more project or referent learning to be concluded. Tening part alone may be confirmed to the controls place the Respirators provided for referent empty	Elmination, substitution, Engineering control or not possible provided on harding of Heardons Administratives. Training provided on harding of Heardons Solatiness, Frome sharping provided on the size sprovided with the size sprovided for the size of the size	Elmination, substitution, Engineering controls not possible under the Cornect PPE issued to relevant employees, permissis selectoriths connect are entimentally IACS. PPE Respitator provided or elevant employees.	Elimination, substitution, Engineering controls not Administ tather, Emergency preparedrises procedure, awareness, Sile maintenance & emergency preparedrises so savereness. Sile maintenance & emergency preparedress PRecentation and formativens (Mormative PE Recentation and formativens (Mormative PE).	Elimination, substitution, Engineering controls not possible or possible or Administ artists, Aveneures or driving on lose lying bidges. Administrative, Aveneures or driving on lose lying bidges that be seen assed. Implementation (I testing) and adrivernor to the Emergency Paparachies Plan. I selfing and adrivernor to PP Enril applicable.	Elimination, substitution, Engineering controls not possible to possible adversaries resided regarding the durges of Administ adversaries resided regarding the during winding in unknowable welfer controlling. It is assessment controlled, buddy spalm (Communities for an ab bed weeken) and buddy spalm (Communities for the period of the controlling th	Elementation, substitution, Engineering control and possible who when the control and Administrative Awareness raised regarding the dangers of Administrative Administrative and expension of the control and assessment controlled, Laudy-spaken (Communisting the abe bot weeken are both weeken controllers for the benefit of others.	Elimination, substitution, Engineering controls not possible. Administ arbiev, Awareness raied on ergonomics, Confinuus siste a season ment conducted for specific tasks. Coccupations i Health Risk Assessment conducted for specific tasks. Pocusations i Health Risk Assessment conducted	Elmination., Engineering controls not possible Substitution risk between for disable under Substitution risk between for disable Administ and the substitution of the	Ellmination, substitution, Engineering control or not possible Administrative hygiens as mysy conducted protocolodly. Administrative travershipers as mysy conducted by facilities on the Accompany and the Accompany of the Accomp
Occupational liness (Respiratory infection)	Pasabe Injury or draffly	Possbie Luginfedon, injury,	njun, property demage	MnorMajor injuries, Fatalčies	Ploperty damage or injury	Ploperfy damage or injury	Occupational Disease- Musculoskeletal disorders	Occupational deseases(Damage to the eyes-long term)	Occupational diseases (possible
Health	Appes	Health	Safety	Safety	Safety	Safety	Feath	Safety	Health
Posible intelfor of HCS kms	Posible fire due to chembal reaction	inhabitor of lunes	Possible Burns, smoke inhalation asphyvation	Prodring of invers, roads blooked, bridges damaged,verkide washed away, drowning	Being swept over by wind leading to incidents	Vehide sidng, sipping while waking	Possible body strain and twisting, back injuries.	Pogr veisility which may gause estaining of the ages	No fine circulation of clean air
observing and allowing troompreemas in Handing of HCS (Fuel. Batteries & Herbicotes)	brycope full stomps	Exposure to inhibition of funes	Not having systems in place to prevent fire	Natural desser- Flooding	Woking in an urfavorable weather condition -	Woking in an urfavorable weather condition- los, snow	Poor Egonomics	Poor lighting	Poor Ventlaton
	Herdmorting				manhance				

Emblores stational and working at a Exposure to avaisate Notes Event Statute	Danage to the ears	Heath	Noise induced Hearing Loss	Elimination, substitution, Engineering control a not possible administrative frois annys conducted, medical surveitines conducted, medical surveitines conducted for those exposed. Risk assessment conductated and controls implemented.	e	O	30	=	Contractor	sheet, Risk Assessment Procedure (32-520), Noise Conservation Procedure (32-42) Occupational Hygene Programme (240- 16026611) ISO 45001
Eposure to Dusilip articulate Marker, Cement Dust)	hhaafon of particulate matter or coal clust	Health	Possbie lung infection	Ellimination, a ubstitution, Engineering control or not possible. Administrative Macanassem Control or instance Administrative Macanassem Control or instance in the Power Station. Hydrae aureny conductor in its leave with the Power station. Recommended control measures implemented medical surveillance done in lew with the manning to possible.	2	۵	28	2	Confrador	Refer to column A - hyperlink and BY-laws sheet, Rask Assessment Procedure(32-220), ISO 45001
	Skin Contad (tritation)	Heath	Skin Demage	Elimination, substitution, Engineering controls not possible modification in place and implemented. Employees alrocated correct PPE and signod PPE seau list PPE coverals provided to protect contact with the skin.	2	ω	28	2	Contrador	Refer to column A - hyperfirk and BY-laws sheet, Rsk Assessment Procedure(32-520), ISO 45001
Poor Eganomics	Possible body strain and twisting, back injuries.	Health	Occupational Disease- Masculoskelatal disorders	Elimination, substitution, Engineering control of and learning the state of the sta	e	ω	œ	=	Contractor	Refer to column A- hypefink and BY-laws sheet, Risk Assessment Procedure (32-520); 32- 520; ISO 45001
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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
9	Multiple fatalities

RISK CONTROL EFFECTIVENESS GUIDE

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	Nothing more to be done except review and monitor the existing controls. Controls are
Fully effective	well designed for the risk, are largely preventive and address the root causes.
2	Management believes that they are effective and reliable at all times. Reactive controls
	Most controls are designed correctly and are in place and effective. Some more work to
Mostly effective	Mostly effective be done to improve operating effectiveness or management has doubts about
•	operational effectiveness and reliability of the controls.
Mostly	While the design of controls may be largely correct in that they treat most of the root
inoffoctivo	causes of the risk, they are not currently operationally very effective. There may be an
menecave	over-reliance on reactive controls, or some of the controls do not seem correctly
Meno	Virtually no credible control. Management has no confidence that any degree of control
Morie	is being achieved.

Score	Descriptor Safety	Safety	Occupational hygiene	ygiene
			Exposure	Probability of exceeding
٧	Highly unlikely	More than a "100 year event" Exceptionally unlikely, even in the	Rare (once a year)	No exposure (or exposure < 10% of OEL)
æ	Unlikely	rears not 20%	Short period time, a few tiper per intermittent (in six morthse months	s of mes day/ Low exposure (< orce 50% of OEL) arths,
O	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 > 2
۵	Likely	Could occur within "weeks to months" Balance of probability will occur 2 70% and < 90% probability.	Continuous for between two and four hours (frequent/daily)	High exposure (chronic exposure > OBEL, or exposure exceeding OEL-STEL)
Э	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 exposure exposure exceeding OEL -

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