									Occupational H	lealth and Safety Base	line risk assessr	nent template					Name Barrier			1				
	Project/Dept:	- David	Tower Inspection, Anal	ysis, D	esign and complianc	e certif	cation			Prepared by:	Alison Singh						Next Review Date:	25-Mar-24			Unique identifier	240-70044602		
		Dute:								Prepared by:	Masego Msibi Paulinus Kortje		Unique Identifier	240-1420	25633			-			Revision: Revision	1		
							25-Mar-22						Content Revision	2				J			date:	May-24		
0: Area	1: List activity		: Hazard identification					Refer to 3: Risk identification	Occupational Health a	ind Safety Risk assessmen	t procedure 32-52	4. 4	ss & Analyse Risks					4: Evaluate R	lab.				f. Dados	& Eliminate Risk
								3. Kisk identification						First di Consequ	sence and			Additional Controls or Tasks Aimed at Improving	First det Conseque then the Li	ermine ince and			5. Reduce	Legal and other
List risk areas	List activity	Hazard re	Hazard Identification	Risk Nr	Associated risk (Risk identifation)	Risk type	Esposed group/employees	Exposure patterns	Cause(s) of the risk	Risk Owner	Conditions(NormaliA bnormal)	What are the Consequences?	Existing Controls	then the of Conse	Likelihood that quence.	Ry Rating		Existing Controls	then the Li of th Conseq		Ry Rating	Monitoring Mechanisms	Control Owner	requirements
identify areas where activities are performed and hazands are identified	List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task	•	A hazard is anything that is likely to lead to an event that will have an adverse impact on schieving an objective. A hazard can pose more than one risk.		A physical event occurs or could occur in relation to the hazard	Safety or health	Who is exposed to the hazard i.e. Employees, visitors, members of the public, etc.	The frequency and duration the person/group is exposed to the hazard e.g. Daily for 3 hrs.	What causes the risk to come into effect?	Who is accountable for making sure the controls and monitors are: - in place, - implemented, - regularly reviewed for affectiveness.	Indicate N or A. These short-term changes to conditions that could not be reasonably anticipated e.g. Emergencies	What is the expected adverse impact on the objective?	Preventative Controls (cortrols implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - Rescrive Controls. (cortrols implemented to reduce the immediate impact of the risk occurring)	Orrespuence	boothood	R lak Prio	RCE Risk Control Effectiveness	Includic: - Proventable Controls (controls implemented to eliminate hazards or reduce the Islatition of the risk occurring), and - Bearing Controls (controls implemented to reduce the immediate impact of the risk occurring)	Consequence	LikeBood	Risk Prio	are succeeding. Include comments on effectiveness. This may include i.e. messurements, inspections, supervision where	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eakom requirements that prescribe the control.
		1	Fatigue	1	Falling salesp while driving.	Safety	Contractors	Daily	Travelling long distances without restire, partying for long house and not getting enough rest, studying for long hours without getting any rest	Eskom Telecommunications/ Principal Contractor	N	MVA which may lead to injury or tatality	Contractor Management through issuing of health and safely specifications, evaluation and approved of Health and Safely little and continued contractor monitoring	5	3	=	P	Continued Contractor Monitoring	3	2	ш	Conducting Behavioural Safety Observation on an as and when required books, contractor site audits and inspections	Felecommunicationa/ Principal Contractor	Line 32.3, Driver Fatigue management, ETT 517, Safe Travelling Procedure 249-62940360; Risk Assessment Procedure 23- 520) Tank Specific Risk Assessment (ETFM1239(ETFM1035) CHSAS 15001(4.3.1.4.5.3)
		2	Mechanical failures	2	Defective Vehicle	Safety	Contractors	Daily	Mechanical Failure, Vehicle no checked for defects	t Eskom Telecommunications/ Principal Contractor	N	MVA which may lead to injury or tatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	4	3	=	P	Continued Contractor Monitoring	2	1	IV	Conducting Behavioural Safety Observation on an as and when required boxis, contractor site audits and inspections	Felecommunications/ Principal Contractor	Line 32.3; Safe travelling procedure 240-62946380; Risk Assessment Procedure 32-520) Task Specific Risk Assessment (ETFM1283)(ETFM1038) OHSAS 18001(4.3.1,4.5.3)
		3	Wildlatory animala	3	Hitting a straying animal	Safety	Contractors	Daily	Obscured view, Over Speeding, No Fencing along the road	Eskom Telecorrenunications/ Principal Contractor	N	MVA which may lead to injury or tatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	4	3	=	Р	Continued Contractor Monitoring	4	2	ш	Conducting Behavioural Safety Observation on an as and when required boxis, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 32-3, Risk Assessment procedure (32-530), ETFM1036, Task Specific Risk Assessment (ETFM1289), CHSAS 18901(4.3.1,4.5.3)
		4	Overapseding	4	Collission, losing control of the vehicle, unable to stop in time	Safety	Contractors	Daily	Time Pressure, externent, Doing things in haste, driving under intraces	Eskom Yelscommunications/ Principal Contractor	N	MVA which may lead to injury or tability	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	5	4	-	Р	Continued Contractor Monitoring	5	2	п	Conducting Behavioural Safety Observation on an as and when required beals, contractor site audits and inspections	felecommunicationa/ Principal Contractor	Line 32.3, Line 54.1 and line 55.3, 55.5; Travelling Procedure 246-02940305, Risk Assessment procedure (325-20), ETFM1008, Task Specific Risk Assessment (ETFM1200), CHSAS 18001(4.3.1,4.5.3)
		5	Long Distance Travelling	5	Falling salesp while driving.	Safety	Contractors	Daily	Driving without reating at two hourly interval	Eskon Telecorreunications/ Principal Contractor	N	MVA which may lead to injury or tatality	Contractor Management through issuing of health and safety specifications, evaluation and approvid of Health and Safety files and continued contractor monitoring	5	3	=	Р	Continued Contractor Monitoring	5	1	ш	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 32.3; Driver Fatigue management (ETTB 1517), Safe Travelling Procedure 240-623-6236, OHSAS 18001 (4.3.1,4.5.3)
		6	Exposure to Hjacking	6	Possible assault, rape, atreas, trauma, being shot	Safety	Contractors	Daily	Crime, driving alone, Lack of security at site, working at night	Eskom Telecommunications/ Principal Contractor	N	Vehicle being taken, Possible injury or fetality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	4	1	P	Continued Contractor Monitoring	5	3	н	Behavioural Safety Observation on an as and when required bosis, contractor site	felecommunications/ Principal Contractor	Line 32.3, Risk Assessment Procedum (32-520); OHSAS 18001 (4.3.1,4.5.3)
		7	Poor Road conditions	7	Possible puncture or damage to the vehicle tyre	Safety	Contractors	Daily	Potholes, Sharp things on the road surface (Glass, Stones etc), unclear signs, ignorance, narrow roads, invisible road markings	Eskom Telecommunications/ Principal Contractor	N	MVA which may lead to injury or totality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	4		Р	Continued Contractor Monitoring	4	3	п	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections.	Telecommunications/ Principal Contractor	Line 32.3, Safe travelling procedure 240-62946386; OHSAS 18001(4.3.1,4.5.3)
Road		8	Driving in a 4X4 Terrain without appropriate competence	8	The vehicle may capaize and roll	Safety	Contractors	Daily	Using the vehicle not meant for that purpose	Eakom Telecommunications/ Principal Contractor	N	MVA which may lead to injury or tatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	4	-	Р	Continued Contractor Monitoring	4	2	ш	Conducting Behavioural Safety Observation on an as and when required basis, contractor site	felecommunications/ Principal Contractor	Line 32.3, ETPR0364 and Safe travelling procedure 240-62945385; OHSAS 18001(4.3.1,4.5.3)
		9	Adverse weather conditions (Heavy rain, hall storm, heavy winds)	9	Hitting vehicle in front or side	Safety	Contractors	Daily	Eliumed vission, your vehicle swept away by water and the wind pushing it causing loss of control	Eskom Telecommunications/ Principal Contractor	N	MVA which may lead to injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3	п	Р	Continued Contractor Monitoring	5	1	ш	audits and inspections Conducting Behavioural Safety Observation on an as and when required basis, contractor site	felecommunications/ Principal Contractor	Line 32.3, Safe travelling procedure 240-62945386, ET Communication; OHSAS 18001 (4.3.1,4.5.3)
	Traveling By Road	10	Poorly Maintained Gravel Road	10	Vehicle allipping and capalizing	Safety	Contractors	Daily	Driving at a speed not suitable for the condition of the road.	Eskom Telecorrenunications/ Principal Contractor	N	MVA which may lead to injury or tatality	Contractor Management through issuing of health and safety specifications, existation and approved of Health and Safety files and continued contractor monitoring	5	3	=	Р	Continued Contractor Monitoring	5	2	ıı	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 32.3, Safe travelling procedure 240-52945385, ET Fleet Policy, Othoad practice note (ETPN1246); ETTB1250; OHSAS 18001(4.3.1,4.5.3)
		11	Pedestrians crossing the road	11	Hitting a straying animal	Safety	Contractors	Daily	Pedestrians crossing the road where it is not demarcated for that purpose, insufficient road markings, Driving while Intoxicated	Eskom Telecorrenunications/ Principal Contractor	N	MVA which may lead to injury or fatality including Public	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	4	3		Р	Continued Contractor Monitoring	4	2	·	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 32.3, Safe travelling procedure 240-62346386, ET Fleet Policy, ONSAS 18001 (4.3.1,4.5.3)
		12	Other negligent road users	12	Colliding with other vehicles	Safety	Contractors	Daily	Third Party regigence, The feeling of being right, Road rage	Eskom Telecommunications/ Principal Contractor	N	possible motor vehicle pile-up (M/A) which may lead to injury or fatality including Public	Contractor Management through issuing of health and safety specifications, evaluation and approvid of Health and Safety files and continued contractor monitoring	5	4		Р	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Felecommunicationa/ Principal Contractor	Line 32.3, Line 54.22, Safe travelling procedure 240- 62946385, ET Fleet Policy, CHSAS 18001(4.3.1,4.5.3)
		13	Unsafe driving	13	causing an accident (Collission, losing control of vehicles)	Safety	Contractors	Daily	Use of a cell phone while driving, Fatigue, eating while driving, Using medication which alters your concentration, inexperience, ignorance, intoxication, recidess driving	Eskom Telecommunications/ Principal Contractor	N	possible motor vehicle pile-up (MVA) which may lead to injury or fatality including Public	Contractor Management through issuing of health and safety specifications, evaluation and approvid of Health and Safety files and continued contractor monitoring	5	3		Р	Continued Contractor Monitoring	3	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 32.3, Line 54.14, Safe travelling procedure 240- 62946365, ET Fleet Policy, CHSAS 18001(4.3.1,4.5.3)
		14	Night driving	14	Being involved in an accident (Collission, hitting pedeinstrians, hitting straying animals etc)	Safety	Contractors	Daily	Night Blindness	Eskom Telecorrenunications/ Principal Contractor	N	Mich which may lead to injury or fatality including Public	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety Hea and continued contractor monitoring	5	3		Р	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as and when required besis, contractor site audits and inspections	felecommunicationa/ Principal Contractor	Line 32.3, Safe traveling procedure 240-62945385; OHSAS 18001(4.3.1,4.5.3)

		15	Unroadworthy vehicle 21	Vehicle Breakdown or parts	ailure Safety	Contractors	Daily	Poor vehicle Maintenance	Eskon Telecommunications/ Principal Contractor	N	MUA which may lead to injury or fatality including Public	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3 1	P	Continued Contractor Monitoring	5	1		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, line 54.10; Procedure 32-95; CHSAS 18001 (4.3.1,4.5.3)
		16	Road Works 1s	i Vehicle Collision	Safety	Contractors	Dolly	Obstruction on the road, unclear signs, ignorance, narrow roads, poorly visible road markings	Eskom Telecommunications/ Principal Contractor	N	MNA which may lead to injury or fatality including Public	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	3 1	Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, Safe travelling procedure 240- 62946385;OHSAS 18001(4.3.1,4.5.3)
		17	Driving through a hand of cattle 13	Damage to vehicle	Safet	Contractors	Daily	Cattle threatened or lighting or playing	Eskom Telecommunications/ Principal Contractor	N	Possible damage to vehicle or injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	4 1	,	Continued Contractor Monitoring	3		W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; 32-520; OHSAS 18001(4.3.1,4.5.3)
		18	Working Driving in anow 11	Adverse road condition hypothermia,	s, Sofety Healt	& Contractors	Daily	Snow covered roads, being stuck in snow	Eskom Telecommunications/ Principal Contractor	N	Possible damage to vehicle and/or injury/Tatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	4 1	,	Continued Contractor Monitoring	2	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; 32-520; CHSAS 18001 (4.3.1,4.5.3)
		19	Travelling in areas where there are protests	Loss of control of the vel	icle Safet	Contractors	Monthly	Protestors throwing stones	Eskom Telecommunications/ Principal Contractor	N	Possible damage to vehicle and/or injury/Tatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	4	r	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; 32-520; CHSAS 18001 (4.3.1,4.5.3)
		20	Driving below the bridges 21	Loss of control of the vel	icle Safet	r Contractors	Daily	crime related activities, being caught off guard, Objects thrown from the top of the bridge	Eskom Telecommunications/ Principal Contractor	N	Possible damage to vehicle and/or injury/Tatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	5		Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, 32-520; OHSAS 18001(4.3.1,4.5.3)
	Travel by air (plane)	1	Terrorists attacks	In-flight attack / Ni-jacking by criminal sus	ects Safet	y Contractors	Adhoc and rarely	terrorist related activities	Eakom Telecommunications/ Principal Contractor	Non Routine	Injury/fatality of passangers	Contractor Management through issuing of health and safely specifications, evaluation and approval of Health and Safely files and continued contractor monitoring	5		Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32-3, Risk Assessment Procedure, 32-520;Civil Aviation Act
		2	Emergency landing 2	Poor weather condition (Sad weather) or Mechas failure. Snow / Lightning i visibility / Damage to the a e.g. by half.	s ical Poor Safet rcraft	y Contractors	Adhoc	Bad weather) or Mechanical failure	Eakom Telecorremunications/ Principal Contractor	Non Routine	Injury/fatality of passengers	Contractor Management through issuing of health and safely specifications, evaluation and approval of Health and Safely files and continued contractor monitoring	5		Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections Conductine	Telecommunications/ Principal Contractor	Line 32-3, Risk Assessment Procedure, 32-520,Civil Aviation Act
	Towing		1, Using incorrect vehicle	L Vehicle rolling backwars	s Safety	Contractors	Monthly	Lack of Knowledge, regigence	Eskom Telecommunications/ Principal Contractor	N	Minor, major injury, Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3 1	r	Continued Contractor Monitoring	5	,		Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; Line 54.9; ETWI0584; OHSAS 18001(4.3.1,4.4.6; 4.5.3)
			1,	Incompetence in towin	Safety	Contractors	Monthly	unauthorised towing	Eskom Telecommunications/ Principal Contractor	N	Minor, major injury, Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	5	3 1	,	Continued Contractor Monitoring	5	1		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, 32-520; ETWI0584; OHSAS 18001(4.3.1, 4.4.6; 4.5.3)
		2	Unsafe towing practices 2	possible loss of control on ti possible collision with of vehicles	e car, er Safety	Contractors	Monthly	Overspeeding, lack of training or experience, incorrect loading	Eskon Telecommunications/ Principal Contractor	N	Minor, major injury, Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3 1	,	Continued Contractor Monitoring	5	1		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-520; ETWIDS84; OHSAS 18001 (4.3.1, 4.4.6; 4.5.3)
		1	Adverse weather conditions (Heavy rain, hall storm, heavy winds)	Slip and Fall from the Tox	er Safety	Contractors	Daily	Tower which is wet may cause a person to slip, strong winds may cause a person to be insecured and panic	Eskon Telecommunications/ Principal Contractor	N	Falling may cause Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	4	,	Continued Contractor Monitoring	5	2	٠	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, line 46.6; ETPR0647, 32-418; OHSAS 18001(4.3.1,4.4.6; 4.5.3)
		2	Actions and conditions leading to Slip and fall	Slip and Fall from the Tox	er Safety	Contractors	Daily	Not wearing proper PPE, complacency, wet surfaces, lock of concentration, lieight Phobia, wet surface, over-reaching, poor house-keeping, Psychological unfitness	Eskom Telecommunications/ Principal Contractor	N	Major injury or Fatality	Contractor Management through issuing of health and safely specifications, evaluation and approval of Health and Safely files and continued contractor monitoring	5	3 1	,	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Ine 46.6, line 46.7, Line 34.2, 32-416, ETPL1233; OHSAS 18001 (4.3.1, 4.4.6; 4.5.3)
		a	Incorrect use of PPE 3	PPE may become loose cau fall	ing a Safety	Contractors	Daily	PPE not comfortable, lack of awareness, correct PPE not awailable, PPE not worn according to Specification	Eskon Telecommunications/ Principal Contractor	N	Major injury or Fatality	Contractor Management through issuing of health and safely specifications, evaluation and approval of Health and Safely files and continued contractor monitoring	5	3 1	,	Continued Contractor Monitoring	5	,		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.2; PPE inspection Sheet (ETFM1129), PPE Issue Register (ETFM1524); CHSAS 18001(4.3.1, 4.4.5; 4.5.3)
		4	Inadequate training 4	Possibility of falling	Safety	Contractors	Dolly	Training need analysis not in place, no training plan in place, Poor training management, Not following instruction on climbing as set out in the training manual. Lack of knowledge on the safe way of climbing	Eskon Telecorreunications/ Principal Contractor	N	Major injury or Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety bles and continued contractor monitoring	5	2 1		Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 46.5, Line 46.7; OHSAS 18001, Competence training and awareness procedure [32-477], Workplace accreditations; OHSAS 18001(4.3.1, 4.4.2; 4.5.3)
		5	Medical unfitness S	Possibility Falling due to not well	seing Safety	Contractors	Daily	No/ inadequate Health Risk Assessment in place, No/ Inadequate Individual OREP in place, No / inadequate Man Job Specification in Place	Eskom Telecommunications/ Principal Contractor	N	Major injury or Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	2 1	,	Continued Contractor Monitoring	4	1	2/	Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, line 46.7, 32-524, Medical Surveillance, Fall protection Plan (ETPL1232); OHSAS 18001(4.3.1, 4.4.6; 4.5.2)
		6	Poorly maintained Ladders (Cat Ladders) 6	Possibility of ladder break causing Falling	ne safet	Contractors	Daily	Improper use of ladders, Ladders not well maintained	Eakon Telecommunications/ Principal Contractor	N	Passible Minor/ Major Injury	Contractor Management through lissuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3 1		Continued Contractor Monitoring	5			Conducting Behavioural Safety Observation on an as and when required boxis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.11, ETPR1118, ETFM 1032; OHSAS 18001(4.3.1,4.4.6; 4.5.3)
Radio site; Substation; Powerstation	Working at heights	7	Exposure to Electromagnetic Radiation 7	Non looking Radiation Pols	ning Healt	Contractors	Daily	Working directly in front of an operating Microwave dish particularly in sites which are shared with other service providers	Eskom Telecommunications/ Principal Contractor	N	Possible Occupational liness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	2 n		Continued Contractor Monitoring	2	1	9/	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, ETRE1331; OHSAS 18001(4.3.1,4.4.6; 4.5.3)
			Structural failure 8	Possible Falling or being to collapsed structure and fi objects	by ling Safety	Contractors	Daily	Structural Analysis not conducted Poor maintenance of structure, overloading, Not conducting visual inspections, not reporting visible defects	Eskon Telecommunications/ Principal Contractor	N	Major injury or Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3 1	P	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 46.8; Line 46.10, Line 46.13, ETSP0158, ETSP0183, ETSP0422; OHSAS 18001(4.3.1,4.4.6; 4.5.3)
		9	Incorrect Climbing 9	Possible Falling	Safety	Contractors	Daily	Not hooking up when accerding the structure, Not competent in tower climbing, lack of concettration and experience, improper construction, No following Safe working Procedures, taking shortcuts	Eskom Telscommunications/ Principal Contractor	N	Major injury or Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Stafety files and continued contractor monitoring	5	2 1	,	Continued Contractor Monitoring	5	1		Conducting Behavioural Safety Observation on an as and beauty of the control of the beauty contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3. line 34.9, Line 46.5, line 46.7; ETF1223, 22-530; CHSAS 18003(4.3.1, 4.4.6; 45.3)
		10	Structure overloading 11	Possible Collapse of the Stru	ture Safety	Contractors	Daily	Installing too many equipment not according to weight limitations, not implementing recommendations from structural analysis results.	Eakon Telecommunications/ Principal Contractor	A	Major injury or Fatality or Damage to Property	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3 1	Р	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.3, line 46.8; Line 46.10, ETSP0158, ETSP0383, ETSP0622; OH645 18001(4.3.1,4.4.6; 4.5.3)
		11	Incorrect Equipment hasting 1:	Possible equipment falling v may cause the pesons fall injuring those standing belo structure	or	Contractors	Daily	not following the correct procedure, not competent in hauling of equipment, Taking shortcuts, esceeding safety tolerances of hauling equipment.	Eskon Telecommunications/ Principal Contractor	N	Major injury or Fatality or Damage to Property	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	2 1	,	Continued Contractor Monitoring	4	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.2; Safe Hauling Procedure (ETPRONS), Inspection and maintenance of Hauling kit (ETFM1541); OHSAS 18001(4.3.1, 4.4.6; 4.5.2)
		12	Engonomics 1:	Possible body strain and tw	iting Health	Contractors	Dolly	Not following safe working procedure, fixed posture, repetitive movements	Eskom Telecommunications/ Principal Contractor	N	Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	3 1	,	Continued Contractor Monitoring	3	2		Behavioural Safety Observation on an as and when required	Telecommunications/ Principal Contractor	Line 32.3; Manual Handling Guideline (ETG10611); OHSAS 18001(4.3.1, 4.4.6; 4.5.3)

		13	Falling/moving objects 13	Struck by a free falling object	Safety	Contractors	Daily	incorrect use of PPE (Hard hat), Ignorance, lack of training, lack of supervision, improper demarcation	Eskom Telecommunications/ Principal Contractor	N	Possible injury, Fatality or Damage to property	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 3			Continued Contractor Monitoring	3	2		Londucing Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, IPE Specification; OHSAS 18003(4.3.1,4.4.6; 4.5.3)
		1	Adverse weather conditions (Heavy rain, hall storm, heavy winds)	Sip and Fall(Ground Level) Injury from half.	Safety	Contractors	Quartely	Ground which is wet may cause a person to slip, hall can lead to injuries to a person standing where there is no shelter.	Eskom Telecommunications/ Principal Contractor	N	Minor or Major injury	Contractor Management through issuing of health and safety specifications, evaluation and approvid of Health and Safety files and continued contractor monitoring	4 3		ı	Continued Contractor Monitoring	2	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32-3, line 46.6; 32-418; OHSAS 18003(4.3.1,4.4.6; 4.5.3)
		2	Incorrect use or unavailability of PPK 2	Accidental mishap	Safety	Contractors	Quartely	PPE not comfortable, tack of awareness, correct PPE not available, PPE not worn according to Safe working procedure	Eskon Telecommunications/ Principal Contractor	A	Minor or Major injury or Fatality	Contractor Management through issuing of health and safely specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 3	п	F	Continued Contractor Monitoring	s	1	ш	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.2; ETFM1129, ETFM1564; CHSAS 18000(4.3.1, 4.4.6; 4.5.2)
		a	Inadequate training 3	Failing to identify Non- Comformances or shortcuts taken which may lead to incidents.	Safety	Contractors	Quartely	Training need analysis not in place, no training plan in place, Poor training management. Lack of knowledge on the safe way of climbing	Eskom Telecommunications/ Principal Contractor	A	Minor and Major Injuries	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 2		F	Certinued Contractor Menitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.3, Line 46.5, Line 46.7; OHSAS 18001, ETPRO26R, ETPRO607, Workplace accreditations; OHSAS 18001(4.3.1, 4.4.2; 4.5.3)
	Monitoring Work at heights	4	Medical unfitness 4	Possibility of injuring themselves due to medical unfitness	Safety	Contractions	Quartely	Doing Monitoring while unfit for work	Eskom Telecommunications/ Principal Centractor	A	Possible Minor or Major Injuries	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety Ries and continued contractor monitoring	4 2		f	Continued Contractor Monitoring	4	1	IV	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.3, line 46.7, 23-524, Medical Surveillance, Fall protection Plan (ETPL1232); OHSAS 18003(4.3.1, 4.4.6; 4.5.3)
		s	Exposure to Electromagnetic Radiation S	Non looking Radiation Polsoning	Health	Contractors	Daily	Working directly in front of an operating Microwave dish particularly in sibes which are shared with other senice providers	Eskom Telecommunications/ Principal Contractor	A	Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	2 2	rv.	r	Continued Contractor Monitoring	2	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.2, ETRE1221; OHSAS 18001(4.3.1,4.4.6; 4.5.2)
		6	Structural failure 6	Possible Falling or being hit by collapsed structure and flying objects	Safety	Contractors	Daily	Structural Analysis not conducted Poor maintenance of structure, overloading, Not conducting visual impections, not reporting visible defects	Eskom Telecommunications/ Principal Contractor	A	Major injury or Fatality	Conhector Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	5 3		P	Certinued Centractor Menitoring	s	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 46.8; Line 46.10, Line 46.13, ETSP0358, ETSP0383, ETSP0422; OHSAS 18003(4.3.1,4.4.6; 4.5.3)
		7	Engenomics 7	Possible body strain and twinting	Health	Contractors	Dolly	Not following safe working procedure/work at heights procedure), Bad posture, repetitive movements	Eskom Telecommunications/ Principal Contractor	N	Possible Occupational Elness	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	3 3		r	Continued Contractor Monitoring	a	2		Conducting Behavioural Safety Observation on an as and when required beals, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3; Manual Handling Guideline (ETG:D611; DHGAS 18001(4.3.1, 4.4.6; 4.5.3)
			Falling objects II	Head Injuries	Safety	Contractors	Daily	Not following safe working procedure	Eskom Telecommunications/ Principal Contractor	A	Major injury or Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 3		,	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3/Work at heights procedure 32-418
		1	Actions and Conditions leading to Hijacking, kidnapping, nobbeng, assault, rape	Possible assault, rape, stress, trauma, being shot	Safety	Contractors	Daily	No Security, driving alone at night, Crime	Eskom Telecommunications/ Principal Contractor	N	Possible Injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 4	1	Р	Continued Contractor Monitoring	5	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; Site access procedure (ETPR 6578), incident Management Procedure (32- 95(OHSAS 18001(4.3.1,4.5.3)
Radio site; Substation; Powerstation	Site access and security	2	Poor Road Conditions 2	Vehicle losing control	Safety	Contractors	Daily	Lack of road maintenance, advense weather conditions, poor road construction, incompetence in driving in 4x4 terrain	Eskom Telecommunications/ Principal Contractor	N	Possible MWA which may lead to injury or fatality	Contractor Management through issuing of health and safety associations, evaluation and approval of Health and Safety files and continued contractor monitoring	4 3		Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-520, Safe travelling procedure 240- 62946286; (HGAS 18001(4.3.1,4.5.3)
Powerstation		3	Exposure to Raptors/linects/Reptiles 3	Possible vernomous, bites and stings	Safety	Contractors	Daily	Location of the site, Poor site maintenance, seasonal dangers	Eskom Telecommunications/ Principal Contractor	N	Possible poisonous bites and sting which may lead to Occupational illness or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 4	1	P	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.2; Emergency Plan in case of bees, wasps and tick stings (ETPN1730); OHSAS 18001(4.3.1,4.5.3)
		4	Actions and conditions leading to Veld Fire 4	Possible burns or Smake inhalation	Health	Contractors	Daily	Lightning, strong winds, equipment failure, electric short circuit	Eskom Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, exakation and approvid of Health and Safety Itles and continued contractor monitoring	5 4		Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required boxis, contractor site	Telecommunications/ Principal Contractor	Line 32-3; Emergency Preparedness Procedure ETPR 363; CHSAS 18001(4.3-1,4.4.6)
		s	Actions and conditions leading to Vandalism	Theft, vandalism, public injury	Safety	Contractors	Daily	Location of the site, vulnerability, No Security at site	Eskom Telecommunications/ Principal Contractor	N	Possible public injury or Damage to Property	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3 2		Р	Continued Contractor Monitoring	2	2	W	audits and inspections Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, Site access Procedure (ETPR0578), incident Management Procedure ETPR0737
		1	Incorrect lifting and Loading 1	Body strain and muscle pull	Safety	Contractors	Daily	Improper position, incorrect manual handling, incorrect lifting techniques, lack awareness, ergonomics, lack of SOP's, Lack of proper lifting equipment	Eakom Telecommunications/ Principal Contractor	N	Possible injury and occupational liness	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	3 3		,	Continued Contractor Monitoring	2	2	**	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3; 32-530; Manual Handling Guideline ETGL0611; OHSAS 18001(4.3.1,4.5.3)
Rado site; Substation; Powerstation	Handling of Equipment	2	Engonomics 2	Body strain and muscle pull	Health	Contractors	Daily	Poor designs, tack of awareness, assuming bad postures when lifting	Eakon Telecommunications/ Principal Contractor	N	Possible injury or illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3 3		,	Continued Contractor Monitoring	2	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.3; Manual Handling Guideline ETG10611; CHSAS 18001(4.2.1,4.5.3)
		3	Incompetence in the use of equipment 3	Possible Pricks, Stabbing, and punctures	Safety	Contractors	Daily	Lack of knowledge in equipment assembly	Eskom Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4 3		,	Continued Contractor Monitoring	3	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; OHSAS 18001, Equipment installation Standard ETSTOMBS; OHSAS 18001(4.3.1,4.4.2)
		4	Use of Faulty Equipment 4	Possible electrical Shock	Safety	Contractors	Daily	Poor maintenance, no calibration, no inspection, poor quality of equipment from the supplier	Eakon Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3 3			Continued Contractor Monitoring	2	2	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3; 32-520; OHSAS 18001(4.3.1)
		1	Actions and Conditions leading to Electrocution	Possible Electrocution	Safety	Contractors	Daily	Not following Operating Regulation for High Voltage System (ORPNS), Non Adherence to Life Saving Rule (Permit to work)	Eskom Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety associations, evaluation and approval of Health and Safety files and continued contractor monitoring	5 3		,	Continued Contractor Monitoring	3	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; Life Saving Rules, 08995; 08545 18001(4.3.1,4.4.6)
Rado site; Substation; Powerstation	working in an HV environment +863	2	Actions and Conditions leading to Explosion 2	Possible explosion	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short	Eakom Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 3	-	,	Continued Contractor Monitoring	5	2		Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; 240-92065235; OHSAS 18001(4.2.1,4.4.6)
		3	Actions and Conditions leading to Fine 3	Possible burns	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short	Eskom Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 4		,	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, Line 40.8, Line; 240- 92065235; OHGAS 18001(4.3.1,4.4.6)
		4	Actions and Conditions leading to Veld fires 4	Possible burns or smoke inhalation	Solety & Health	Contractors	Daily	Smoking, Brasing, poor yard maintenance, No fire breaks, extremely hot weather	Eskom Telecommunications/ Principal Contractor	N	Possible injury, iliness or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5 4	- 1	,	Continued Contractor Monitoring	4	2		Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, Line 40.8 , size emergency preparedness 240- 92065235; OHSAS 18001(4.3.1,4.4.6; 4.4.7)

		1	Conditions leading to Electrocution	1	Electrocution	Safety	Contractors	Daily	contact with AC through earth mats and changer connections, not following safe working procedure, no isolation, tack of training, tack of knowledge and	Eskom Telecommunications/ Principal Centractor	N	Posible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and	3	3		,	Continued Contractor Monitoring	3	1	W	Conducting Behavioural Safety Observation on an as and when required	Telecommunications/ Principal Contractor	Line 32.3, Eskom Life Saving Rules(22-421), 22-524; OHSAS 18003(4.3.1,4.5.3)
									supervision, improper guarding/barricading, lack of SOP's				continued contractor monitoring									basis, contractor site audits and inspections		
Radio site; Substation; Powerstation	Working in an AC environment	2	Incompetence in handling AC	2	Possible electrocution or shock	Safety	Contractors	Daily	Training needs not analysed, Training matrix not in place, Training not managed,	Eskom Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	3	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3; 32-726; 32-534; OHSAS 18001(4.3.1,4.5.3)
		3	Conditions leading to Fine	3	Possible fire	Safety	Contractors	Daily	Equipment failure, not following SOPs, electric short curcuit	Eakom Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	2		,	Continued Contractor Monitoring	3		**	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 40.8, Line 40.6, ETPR1149, Equipment maintenance procedure; OHSAS 18001(4.3.1,4.5.3)
		1	Incompetence in Rigging		Possible collapse of the structure	Safety	Contractors	Daily	Rigging done by incompetent employees and not done properly	Eskon Telecommunications/ Principal Centractor	N	Possible Injury, Fatality or Damage to property	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	3		,	Continued Contractor Monitoring	3	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 46.3, Line 46.4; ETR 1223, Fall Protection Plan, OHSAS 18003(4.3.1,4.4.6; 4.4.2)
Radio site; Substation; Powerstation	Lifting and rigging	2	Falling objects	2	Flying objects	Safety	Contractors	Daily	incorrect use of PPE (Hard hat), ignorance, lack of training, lack of supervision, improper deraunation, Poor communication, lack of wanning signe, Incompelance	Eskom Telscommunications/ Principal Contractor	N	Possible injury, Fatality or Damage to property	Contractor Management through lassing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	5	3		,	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as- and when required basis, contractor site audits and inspections	Telecommunicational Principal Contractor	Line 22.3, Line 46.4; Tower construction Specification ETSP0386, SHE Specification 22- 524, 23-726, OHSAE 18001(4.3.1,4.4.6)
		3	Improper use of PPE		Possible falling	Safety	Contractors	Daily	PPE not comfortable, ignorance, lack of awareness	Eakom Telecommunications/ Principal Contractor	N	Possible injury, Fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3		,	Continued Contractor Monitoring	5			Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunicationa/ Principal Contractor	Line 32.3, Line 46.7, Line 34.2, Line 46.3, Line 46.4; 32-524, 32- 726; CHSAS 18001(4.3.1,4.4.6)
		4	Exposure to Adverse weather conditions	4	Poor visibility, slippery conditions, Possible trip and fall, possible collapse of the structure	Safety	Contractors	Daily	Rigging in bad weather conditions, Taking chances due to poor planning	Eskon Telecommunications/ Principal Contractor	N	Possible Injury, Fatality or Damage to Property	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3	-	,	Continued Contractor Monitoring	5	-		Conducting Behavioural Safety Observation on an as and when required basis, contractor site	Telecommunications/ Principal Contractor	Line 32.3, Line 46.3, Line 46.4, Line 46.6; 32-726, 32-526; OHSAS 18001(4.3.1,4.4.6)
	Monitoring Lifting and Rigging	1	Falling objects	1	Rying objects	Safety	Contractors	Quartely	incorrect use of PPE (sland hat), ignorance, lack of training, improper demandation, Poor communication, lack of warning signs.	Eakom Telecommunications/ Principal Contractor		Minor or Major Injury, Fatality	Contractor Management through lasuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3	ш	£	Continued Contractor Monitoring	s	2	п	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 46.4; Tower construction Specification ETSP0386, SHE Specification 32- 524, 32-726; OHEAG 18001(4.3.1,4.4.6)
Radio site; Substation; Powerstation	Equipment installation	1	Incorrect Hand Tools	1	Possible Pricks, Stabbling, and punctures	Safety	Contractors	Daily	Use of incorrect hand tools, improvising	Eskon Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	2	2	ev	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.2; Hand tools Procedure (ETPR0727) Tools inspection checkins (ETPN1556); OKSAS 18001(4.3.1,4.5.3)
		2	Incorrect use of a Ladder	2	Possibility of falling	Safety	Contractors	Daily	Ladder not well maintained, ladder not inspected, ladder defective, ladder not used properly	Eskom Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	2	2	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunicational Principal Contractor	Line 22.2, GSR-Safe use of Ladders
		3	Lightning strikes and surges	3	Damage to equipment/Electrocution	Safety	Contractors	Doly	Lightning strike/power surge	Eskon Telecommunications/ Principal Contractor	N	Possible damage to equipment and/or injury/fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	2		Р	Continued Contractor Monitoring	4	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.3, 32-520; ETST0007; OHSAS 18001(4.3.1,4.4.6)
Radio site; Substation; Powerstation	Monitoring of Equipment Installation		Incorrect Hand Tools (Improvisation)		Possible Pricks, Stabbing, and punctures	Safety	Contractors	Weekly	Use of incorrect hand tools, improvising	Eskom Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	2	2	W.	Conducting Behavioural Safety Observation on an az and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3; Hand tools Procedure (ETP90732) Tools inspection checklist (ETPM1556); OHSAS 18001(4.3.1,4.5.3)
Rado site; Substation; Powerstation	Monitoring Trenching/ducting	•	Ergonomica		Body strain and muscle pull	Safety	Contractors	Daily	Bad Posture, Standing for Prolonged periods	Eskon Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	3		,	Continued Contractor Monitoring	3	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 22.2, ETGL0611 Manual Handling Guideline; OHSAS 18001(4.3.1,4.5.3)
Powerstation	mainty (Managotta)	2	Exposure to Dust	2	Inhalation of particulate matter	Health	Contractors	Daily	Exposure to dust for prolonged periods, Not wearing correct PPE(Dust Mask)	Eskon Telecommunications/ Principal Contractor	N	Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	2	2	N	,	Continued Contractor Monitoring	2	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunicationa/ Principal Contractor	Line 32.3, 23-520; OHSAS 18001(4.3.1,4.4.6)
		1	Incompetence in Handling of HCS (Fuel and Herbicides)	1	Possible inhalation of HCS furnes	Health	Contractors	Daily	Incompetence in Safe Handling of fael for generations, and in handling of herbicides	Eskom Telecommunications/ Principal Contractor	N	Occupational liness (Respiratory Infection)	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety tiles and continued contractor monitoring	3	3		Р	Continued Contractor Monitoring	3	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 41.2, 41.3, 41.4; Safe handling of hydrocarbon procedure (ETPS1280) OHSAS 18001(4.3.1,4.4.2)
		2	Improper fuel storage	2	Possible fire due to chemical reaction	Safety	Contractors	Daily	Incorrect containment, not having recessary permits, No following SOP's	Eakom Telecommunications/ Principal Contractor	N	Possible Injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approvid of Health and Safety files and continued contractor monitoring	2	3		Р	Continued Contractor Monitoring	3	1	,,	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 41.2, 41.12; Safe handling of hydrocarbon procedure (ETPR1280) OHSAS 18001(4.3.1,4.4.6)
Storage Areas	Handling of HCS/gases	3	Exposure to inhalation of turnes	3	Inhalation of furnes	Health	Contractors	Daily	prolonged exposure to furnes, Not wearing cornect PPE(Respirators)	Eskon Telecommunications/ Principal Contractor	N	Possible Lung infection, injury,	Contractor Management through lausing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	3		Р	Continued Contractor Monitoring	3	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 41.10, 41.8; OHSAS 18001(4.3.1,4.4.6; 4.5.1)
		4	Improper stacking of equipment	4	Possibility of Equipment Falling	Safety	Contractors	Daily	Uneven stacking, not correct ppg	Eskon Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunicationa/ Principal Contractor	Line 32.2, OHEAS 18001(4.3.1,4.4.6)
	Monitoring use of HCS	,	Exposure to inhalation of fures		Inhalation of fumes	Health	Contractors	Quartely	prolonged exposure to furnes, Not wearing cornect PPE(Respirators)	Eskon Telecommunications/ Principal Centractor	No	Possible Lung infection, illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	3		Р	Continued Contractor Manitoring	3	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 41.10, 41.8; CHGAS 18001(4.3.1,4.4.6; 4.5.1)

		1	Incorrect Storage and Stacking	1	Equipment falling	Safety	Contractors	Daily	Incorrect stacking, No following SOP's, No supervision, no labelling of items, Not wearing Safety Boots in the stores	Eskon Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through lassing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an an and when required beals, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 22.3, Line 24.10; ETFM 1042 Stacking Inspection Checking, ETFM 1122 Stronge and stacking appointment; OHGAS 18001[4.2.1,4.5.3]
		2	Poor Housekeeping	20	Risk of fire	Safety	Contractors	Daily	Poor housekeeping, poor waste management, not following SOP's, No proper storage area	Eskon Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evakation and approval of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	3	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Felecommunications/ Principal Contractor	Line 22.3, Line 40.6; CHSAS 18001(4.3.1,4.5.3)
		3	Unhygianic Conditions	3	Possible infections from bacterial infestation and Rodent infestation	Health	Contractors	Duly	Inadequate cleaning, Poor waste management	Eskon Telecommunications/ Principal Contractor	N	Possible Occupational liness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Felecommunications/ Principal Contractor	Line 32.3, Line 42.5; SHE rep impection form ETFM 1089, ETFM 1030 Hyglene Facilities inspection, 32.530; CHSAS 18001(4.3.1)
Radio site; Substation; Powerstation	Material handling	4	Conditions leading to trips and falls	4	Trips and falls	Safety	Contractors	Daily	items placed on the walkerays causing an obstruction	Eakom Telecommunications/ Principal Contractor	N	Possible Injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	3		,	Continued Contractor Monitoring	3	2		Conducting Behavioural Safety Observation on an as 1 and when required basis, contractor site audits and inspections	felecommunications/ Principal Contractor	Line 32.3, Line 42.5; SHE rep Impection form ETPM 1089, ETFM 1030, 32-520; CHSAS 18001(4.3.1; 4.5.3)
		5	Poor Lighting		Possible falling from not seeing properly	Safety	Contractors	Daily	Area not well lit	Eakom Telecommunications/ Principal Contractor	N	Possible Injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	2	N	,	Continued Contractor Monitoring	2	1	w		felecommunications/ Principal Contractor	Line 32.3, Line 43.3, CHSAS 18001(4.3.1; 4.5.1)
		6	Poor Vertilation	6	Poor indoor air quality	Health	Contractors	Daily	No free circulation of clean air, No regular maintenance done on the aircon system, Aircon System not working properly, No monitoring done on the system, no regular checks done	Eskon Telecommunications/ Principal Contractor	N	Possible Occupational liness	Contractor Management through lassing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Felecommunications/ Principal Contractor	Line 32.3, Line 40.5, Occupational Hygiene Programme, OHSAS 18001(4.3-1,4.5-1)

		7	Incorrect Loading and Offloading (Lifting)	7	Body strain and muscle pull	Safety	Contractors	Daily	Improper position, incorrect manual handling, incorrect lifting techniques, lack awareness, ergonomics, lack of SOP's, Lack of proper lifting equipment	Eskom Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued confractor monitoring	2	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor alse audits and inspections	Line 32.3; Manual Handling Procedure ETG10611; CHSAS 18001(4.3.1,4.4.6)
		1	Incorrect Storage and Stacking		Equipment falling	Safety	Contractors	Monthly	Incorrect stacking, No following SOP's, No supervision, no labeling of items, Not wearing Safety Boots in the stores	Eskom Telecommunications/ Principal Contractor		Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued confractor monitoring	3	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor alse audits and inspections	Line 32.3, Line 34.10; ETFM 1042 Sacking Inspection Checklet, ETFM 1122 Storage and stacking appointment; OHSAS 18001(4.2.1,4.5.2)
		2	Poor Housekeeping	2	Risk of fire	Safety	Contractors	Daily	Poor housekeeping, poor waste management, not following SOP's, No proper storage area	Eskom Telecommunications/ Principal Contractor		Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety Hise and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	3	,	W	Conducting Behavioural Safety Chaevasion on an as and when required basis, contractor site	/ Line 32.3, Line 40.6; CHSAS 18001(4.3.1,4.5.3)
Radio site; Substation; Powerstation	Equipment Storage	3	Unhygienic Conditions	3	Possible infections from bacterial infestation and Rodent infestation	Health	Contractors	Daily	Inadequate cleaning, Poor waste management	Eakom Telecommunications/ Principal Contractor		Possible Occupational Eliness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued confractor monitoring	2	3		,	Continued Contractor Monitoring	2		N	Conducting Behavioural Safety Observation on an as and when required Principal Contractor basis, contractor alse sudths and inspections	Line 32.3, Line 42.5; SHE rep Impection form ETFM 1089, ETFM 1030 Hygiene Facilities Inspection, 32-520; CHSAS 18001(4.3.1)
		4	Poor Vanillation	4	Poor indoor air quality	Health	Contractors	Daily	No free circulation of clean air, No regular maintenance done on the aircon system, Aircon System not working properly. No monitoring done on the system, no regular checks done	Eskon Telecommunications/ Principal Contractor		Possible Occupational liness	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	2	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Line 32.3, Line 40.5, Occupational Hygiene Programme, CHSAS 18001(4.3.1,4.5.1)
		5	Incorrect Loading and Off-loading (Lifting)	5	Body strain and muscle pull	Safety	Contractors	Daily	Improper position, incorrect manual handling, incorrect lifting techniques, tack awareness, esponsorics, lack of SOP's, Lack of proper lifting equipment.	Eskom Telscommunications/ Principal Contractor		Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	2	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Observation on an as and when required beals, contractor also audits and inspections	Line 32.3; Manual Handling Procedure ETG10611; OHSAS 18001(4.3.1,4.4.6)
Work Area Vicinity	Driving around the office Environment	1	Traffic in the complex	1	Possible Collission	Safety	Contractors	Daily	No Warning signs (Speed limit, noad markings, Traffic Circle etc.), violation of traffic rules, ineoperienced drivers, Over Speeding	Eskom Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	3	3		,	Continued Contractor Monitoring	3	2		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and respections	Line 22.3; 32.45 incident Management Procedure; OKSAS 18001[4.3.1; 4.5.3]
	Working in close proximity to co-workers who may have infectious diseases	1	Exposure to Hazardous Biological Agents	1	Possibility of contracting communicable diseases such as resistant TB,	Health	Contractors	Daily	Employees not taking treatment, poor ventilation in an overcrowded environment	Eskom Telscommunications/ Principal Contractor	A	Occupational liness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3		,	Continued Contractor Monitoring	2	1	2/	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and respections	/ Line 32.3, 34.6, 44.2, 44.3; OHSAS 18001(4.3.1,4.4.6)
	Working in close proximity to co-workers who may have communicable infections	1	Exposure to communicable diseases	1	Possibility of contracting diseases through contact, such as cholers, Hepatitis A	Health	Contractors	Daily	Poor personal hygiene (Not properly washing your hands after using a tollet)	Eakom Telecommunications/ Principal Contractor	A	Occupational illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3		,	Continued Contractor Monitoring	2	1	W	Conducting Behavioural Safety Chservation on an as and when required basis, contractor site	/ Line 32.3, 34.6, 44.2, 44.4; CHSAS 18001 (4.3.1,4.4.6)
		1	Working in close proximity to the Lake and non maintenance of atom water drains	*	Possible fooding during heavy rains	Safety	Contractors	Daily	Heavy rains, insufficient barriers around the lake, poor maintenance of storm water drains	Eskom Telecommunications/ Principal Contractor	Α.	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	4		P	Continued Contractor Monitoring	4	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor also audits and inspections	Line 32.3, Line 40.7; Emergency preparedness procedure ETPR1141; OHSAS 18001(4.3.1,4.4.7)
		2	Working in the vicinity of petrol stations	2	Possible explosion and fine	Safety	Contractors	Daily	No Proper emergency plans by the third party. Foul play, negligence	Eskom Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	6	3		Р	Continued Contractor Monitoring	4	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and respections	Line 32.3, Line 43.8; Emergency / preparedness procedure ETPR1142; OHSAS 18001[4.3.1,4.4.7]
		3	Situated in an area where there were mining activities	3	Possible occurrence of Earth tremors which may escalate to Earthquakes	Safety	Contractors	Daily	No Proper rehabilitation of the mines, No Proper impact assessment done, blasting	Eskom Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	3		P	Continued Contractor Monitoring	4	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site suctits and inspections	Line 32.3, 32-123; Emergency / preparedness procedure 240- 92065235; OHGAS 18001(4.3.1,4.4.7)
	Working around the aimmerpan office	4	Helicopter landing on a non demarcated area	4	Helicopter or aircraft crashing	Safety	Contractors	Daily	ignoring the directive which declares simmerpan a no landing zone	Eskom Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	3		P	Continued Contractor Monitoring	4	3		Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and respections	Line 22.3, 13.123; Emergency / preparedness procedure 240- 92055235; CHSAS 18001[4.3.1,4.4.7]
Office area		5	Located at a close radius to Gas	5	Possible Explosion of flamable scetylens, Ammonium nitrate,	Safety	Contractors	Daily	No Proper emergency plans, Foul play, negligence	Eakom Telecommunications/ Principal Contractor	A	Possible gas poisoning, injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	2		,	Continued Contractor Monitoring	4	1	W	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and respections	Line 32.3, 32-123; Emergency of preparedness procedure 240- 92065225; OH646 18001(4.3.1,4.4.7)
			рювилию соправних	5,1	rupture of tank, pipes and cylinders	Safety	Contractors	Daily	No Proper emergency plans, Foul play, negligence	Eakom Telecommunications/ Principal Contractor	A	Possible gas poisoning, injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	4	2		,	Continued Contractor Monitoring	4	1	w	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Line 32.3, 32-123; Emergency of preparedness procedure 240- 9205225; OHSAS 18001(4.3.1,4.4.7)
		6	Actions and Conditions leading to fine	7	Possible turns	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short, circuit breaker faulty	Eskom Telecommunications/ Principal Contractor	Α.	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety files and continued contractor monitoring	5	4	ı	,	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as Telecommunicational and when required basis, contractor site audits and inspections	Line 32.3, 32-122; Line 40.6, Line 40.8; 240-92065225; OHSAS 18001 (4.2.1,4.4.7)
	Working in close radius to the MV yard	,	Actions and Conditions leading to Explosion	,	Possible explosion	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short, circuit breaker faulty	Eskon Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through lausing of health and safety specifications, evaluation and approved of Health and Safety files and continued confractor monitoring	5	4		,	Continued Contractor Monitoring	5	2		Conducting Behavioural Safety Observation on an as Tellscommunicational and when required basis, contractor site audits and inspections	Line 32.3; 33-123; 240- 92065235; OHSAS 18001 (6.3.1,4.4.7)
			Situated in close proximity to a light aircraft airport		Aircraft Crash	Safety	Contractors	Daily	Aircraft and helicopter failure, use of noute that is not norted due to bad weather conditions, non adherence to alloraft maintenance, incompetence in fying the aircraft	Eskon Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approved of Health and Safety files and continued contractor monitoring	4	3		Р	Continued Contractor Monitoring	4	2		Conducting Behavioural Safety Observation on an as and when required basia, contractor site audits and inspections	Line 22.2; 22-122; Emergency / preparedness pla 240- 92065235; OHEAS 18001 (4.2.1,4.4.7)
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