

Occupational Health and Safety Baseline risk assessment template																								
Project/Dept:		Tower Maintenance and Repair Contract										Next Review Date:		25-Mar-24		Unique Identifier:		240-70044602						
Date:		25-Mar-22										Prepared by:		Alison Singh Manoj Mehta Logan Moody		Unique Identifier:		240-14202683		Revision:		1		
												Content Revision:		2				Revision date:		May-24				
Refer to Occupational Health and Safety Risk assessment procedure 32-520																								
0: Area		1: List activity		2: Hazard identification		3: Risk identification						4: Assess & Analyse Risks				4: Evaluate Risk				5: Reduce & Eliminate Risk				
List risk areas	List activity	Hazard no	Hazard identification	Risk no	Associated risk (Risk identification)	Risk type	Exposed group/employees	Exposure patterns	Cause(s) of the risk	Risk Owner	Conditions/Norms/Licence	What are the Consequences?	Existing Controls		First determine Consequence and then the Likelihood of that Consequence.		Risk severity Rating	Additional Controls or Tests Aimed at Improving Existing Controls		First determine Consequence and then the Likelihood of that Consequence.		Monitoring Mechanisms	Control Owner	Legal and other requirements
													Control no	Control no	Control no	Control no		Control no	Control no					
Identify areas where activities are performed and hazards are identified	List specific activities to be performed taking into consideration the assigned 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 achieving an objective. A hazard can come from more than one risk.	A physical event occurs or could occur in relation to the hazard			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 measures are in place? That should not be necessarily anticipated e.g. Emergencies	Include: - Administrative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring) - Engineering Controls (controls implemented to reduce the immediate impact of the risk occurring)	What is the expected outcome/impact on the objective?	Include: - Administrative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring) - Engineering Controls (controls implemented to reduce the immediate impact of the risk occurring)	Consequence	Likelihood	RCE Risk Classification	How we know if we are successful Include comments on effectiveness. This may include i.e. measurements, inspections, observations etc.								
Road	Fatigue	1	Falling asleep while driving	1	Falling asleep while driving	Safety	Contractors	Daily	Traveling long distances without resting, parking for long hours and not getting enough rest, driving for long hours without getting any rest	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	5	3	I	P	Continued Contractor Monitoring	3	2	III	Line 32.3, Driver Fatigue management (ETTS 101), Safe Travelling Procedure 240-GSM4036, Risk Assessment Procedure 32-520 Task Specific Risk Assessment (ETPM1202/ETPM1202) (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	Where relevant, list the relevant legislation and the agreed controls.
		2	Mechanical failures	2	Defective Vehicle	Safety	Contractors	Daily	Mechanical Failure, Vehicle not checked for defects	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	4	3	I	P	Continued Contractor Monitoring	2	1	IV	Line 32.3, Safe travelling procedure 240-GSM4036, Risk Assessment Procedure 32-520 Task Specific Risk Assessment (ETPM1202/ETPM1202) (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		3	Wildlife animals	3	Hitting a straying animal	Safety	Contractors	Daily	Observed view, Over Speeding, Not looking along the road	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	4	3	I	P	Continued Contractor Monitoring	4	2	III	Line 32.3, Risk Assessment procedure 32-520, ETFSM1038, Task Specific Risk Assessment (ETPM1202) (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		4	Over speeding	4	Collision, losing control of the vehicle, unable to stop in time	Safety	Contractors	Daily	Time Pressure, sidestep, being lapped in traffic, driving under instruction	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	5	4	P	Continued Contractor Monitoring	5	2	I	Line 32.3, Line 34.1 and line 30.9, Safe travelling procedure 240-GSM4036, Risk Assessment procedure 32-520 Task Specific Risk Assessment (ETPM1202) (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor		
		5	Long Distance Traveling	5	Falling asleep while driving	Safety	Contractors	Daily	Driving without resting of two hourly interval	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	5	3	I	P	Continued Contractor Monitoring	5	1	III	Line 32.3, Driver Fatigue management (ETTS 101), Safe travelling procedure 240-GSM4036, Risk Assessment Procedure 32-520 Task Specific Risk Assessment (ETPM1202) (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		6	Exposure to Hitting	6	Possible assault, rape, theft, sexual, being shot	Safety	Contractors	Daily	Crime, driving alone, Lack of security at site, working at night	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	Vehicle being taken, Possible injury or fatality	5	4	P	Continued Contractor Monitoring	5	3	I	Line 32.3, Risk Assessment Procedure 32-520, OSHAS 180014.3 1.4.5.3	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor		
		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, crossing road markings	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	4	4	P	Continued Contractor Monitoring	4	3	II	Line 32.3, Safe travelling procedure 240-GSM4036, Risk Assessment Procedure 32-520 Task Specific Risk Assessment (ETPM1202) (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor		
		8	Driving in a 400 Terrain without appropriate competence	8	The vehicle may capsize and roll	Safety	Contractors	Daily	Using the vehicle not meant for road purposes	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	4	4	P	Continued Contractor Monitoring	4	2	III	Line 32.3, ETFSM1038 and Safe travelling procedure 240-GSM4036, Risk Assessment Procedure 32-520, OSHAS 180014.3 1.4.5.3	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor		
		9	Adverse weather conditions (Heavy rain, hail storms, heavy winds)	9	Hitting vehicle in front or side	Safety	Contractors	Daily	Blurred vision, your vehicle will slide to the side and the wind pushing it causing loss of control	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	5	3	I	P	Continued Contractor Monitoring	5	1	III	Line 32.3, Safe travelling procedure 240-GSM4036, ET Communication (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		10	Poorly Maintained Gravel Road	10	Vehicle slipping and capsizing	Safety	Contractors	Daily	Driving at a speed not suitable for the condition of the road.	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality	5	3	I	P	Continued Contractor Monitoring	5	2	II	Line 32.3, Safe travelling procedure 240-GSM4036, ET Fuel Policy (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		11	Pedestrians crossing the road	11	Hitting a straying animal	Safety	Contractors	Daily	Pedestrians crossing the road where it is not designated for that purpose, insufficient road marking, driving while intoxicated	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality including Public	4	3	I	P	Continued Contractor Monitoring	4	2	II	Line 32.3, Safe travelling procedure 240-GSM4036, ET Fuel Policy (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		12	Other negligent road users	12	Collision with other vehicles	Safety	Contractors	Daily	Not fully registering, The feeling of being right, Road rage	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	possible motor vehicle pile-up (MVA) which may lead to injury or fatality including Public	5	4	P	Continued Contractor Monitoring	5	2	I	Line 32.3, Line 34.22, Safe travelling procedure 240-GSM4036, ET Fuel Policy (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor		
		13	Unsafe driving	13	Causing an accident (Collision, loss control of vehicle)	Safety	Contractors	Daily	Use of a cell phone while driving, Reversing while driving, Using mobile phone when after your conversation, Impaired vision, ignorance, distraction, reckless driving	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	possible motor vehicle pile-up (MVA) which may lead to injury or fatality including Public	5	3	I	P	Continued Contractor Monitoring	3	2	II	Line 32.3, Line 34.14, Safe travelling procedure 240-GSM4036, ET Fuel Policy (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		14	Night driving	14	Being involved in an accident (Collision, loss control of vehicle, loss of steering animals etc)	Safety	Contractors	Daily	Night blindness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality including Public	5	3	I	P	Continued Contractor Monitoring	5	2	I	Line 32.3, Safe travelling procedure 240-GSM4036, ET Fuel Policy (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		15	Unroadworthy vehicle	15	Vehicle breakdown or parts failure	Safety	Contractors	Daily	Noor vehicle Maintenance	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality including Public	5	3	I	P	Continued Contractor Monitoring	5	1	II	Line 32.3, Line 34.15, Procedure 30-95, OSHAS 180014.3 1.4.5.3	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		16	Road Works	16	Vehicle Collision	Safety	Contractors	Daily	Obstruction on the road, unclear signs, ignorance, narrow roads, poorly visible road markings	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	MVA which may lead to injury or fatality including Public	4	3	I	P	Continued Contractor Monitoring	4	2	II	Line 32.3, Safe travelling procedure 240-GSM4036, ET Fuel Policy (OSHAS 180014.3 1.4.5.3)	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		17	Driving through a herd of cattle	17	Damage to vehicle	Safety	Contractors	Daily	Cattle Breakdown or fighting or playing	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	Possible damage to vehicle or injury	3	4	I	P	Continued Contractor Monitoring	3	1	IV	Line 32.3, 30-920, OSHAS 180014.3 1.4.5.3	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	
		18	Working/Driving in snow	18	Adverse road conditions, hypothermia	Safety & Health	Contractors	Daily	Snow covered roads, being stuck in snow	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	N	Possible damage to vehicle and/or fatality	2	4	I	P	Continued Contractor Monitoring	2	3	II	Line 32.3, 30-920, OSHAS 180014.3 1.4.5.3	Continued Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications Principal Contractor	

Towing	19	Towing in areas where there are protrusions	19	Loss of control of the vehicle	Safety	Contractors	Morbidity	Protrusions throwing stones	Extern Telecommunications/ Principal Contractor	N	Possible damage to vehicle and/or injury/fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	4	1	P	Continued Contractor Monitoring	4	2	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-32G; CHSAS 1800(4.3.1.4.4.5.3)		
	20	Driving below the bridge	20	Loss of control of the vehicle	Safety	Contractors	Daily	Crime related activities, being caught at gun point, Object's threat from the top of the bridge	Extern Telecommunications/ Principal Contractor	N	Possible damage to vehicle and/or injury/fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	5	1	P	Continued Contractor Monitoring	4	2	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-32G; CHSAS 1800(4.3.1.4.4.5.3)		
	Towed by air (plane)		1	Terrorists attacks	1	In-flight attack / In-jacking by control aspects	Safety	Contractors	Adhoc and rarely	terrorist related activities	Extern Telecommunications/ Principal Contractor	Non Routine	Injury/fatality of passengers	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	5	1	P	Continued Contractor Monitoring	4	2	1	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, 32-32G; Civil Aviation Act
	2	Emergency landing	2	Poor weather conditions (Bad weather) or Mechanical failure, Strong Lightning / Poor visibility / Damage to the aircraft e.g. by hail	Safety	Contractors	Adhoc	Bad weather) or Mechanical failure	Extern Telecommunications/ Principal Contractor	Non Routine	Injury/fatality of passengers	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	5	1	P	Continued Contractor Monitoring	4	2	1	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, 32-32G; Civil Aviation Act		
	1	Using incorrect vehicle	1.1	Vehicle rolling backwards	Safety	Contractors	Monthly	Lack of knowledge, negligence	Extern Telecommunications/ Principal Contractor	N	Minor, major injury, fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	P	Continued Contractor Monitoring	5	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.9, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
			1.2	Incompetence in towing	Safety	Contractors	Monthly	unauthorised towing	Extern Telecommunications/ Principal Contractor	N	Minor, major injury, fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	5	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-32G; ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
	2	Unsafe towing practice	2	possible loss of control on the car, possible collision with other vehicles	Safety	Contractors	Monthly	Overweight, lack of training or experience, incorrect loading	Extern Telecommunications/ Principal Contractor	N	Minor, major injury, fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	5	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-32G; ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
	Radio site, Substation, Powerstation	1	Adverse weather conditions (Heavy rain, hail storms, heavy winds)	1	Slip and fall from the Tower	Safety	Contractors	Daily	Tower which is wet may cause a person to slip, strong winds may cause a person to be misused and/or panic	Extern 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 file and continued contractor monitoring	5	4	1	F	Continued Contractor Monitoring	5	2	1	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, ETV0004, 32-47B, CHSAS 1800(4.3.1.4.4.4.4.5.3)	
		2	Actions and conditions leading to Slip and fall	2	Slip and fall from the Tower	Safety	Contractors	Daily	Not wearing proper PPE, conditions on surface, lack of communication, unsafe PPE, wet surfaces, over-relying on one's own knowledge, Psychological factors	Extern Telecommunications/ Principal Contractor	N	Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	5	2	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 46.6, line 46.7, Line 34.2, 32-47B, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)	
		3	Incorrect use of PPE	3	PPE may become loose causing a fall	Safety	Contractors	Daily	PPE not comfortable, lack of awareness, PPE not worn according to specifications	Extern Telecommunications/ Principal Contractor	N	Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	5	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.9, PPE Inspection Sheet, ETV0004, 32-47B, Register ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)	
4		Inadequate training	4	Possibility of falling	Safety	Contractors	Daily	Training needs analysis not in place, no training given to others, Poor training management, lack of communication, lack of resources, Lack of knowledge on the safe use of the structure	Extern Telecommunications/ Principal Contractor	N	Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	2	1	F	Continued Contractor Monitoring	4	2	1	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, Line 46.7, CHSAS 1800, Competence training and assessment procedure (32-47B), language accreditation, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
5		Medical unfitness	5	Possibility falling due to not being well	Safety	Contractors	Daily	No / inadequate Health Risk Assessment (where applicable), No / inadequate individual OHS to plan, No / inadequate Risk Assessment in place	Extern Telecommunications/ Principal Contractor	N	Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	2	1	F	Continued Contractor Monitoring	4	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, line 46.7, 32-47B, Medical Surveillance, Fall protection Plan ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
6		Poorly maintained Ladders (Can Ladders)	6	Possibility of ladder bending causing falling	Safety	Contractors	Daily	Improper use of ladders, Ladders not well maintained	Extern Telecommunications/ Principal Contractor	N	Possible Minor / Major injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	5	1	1	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, Line 46.7, ETV0004, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
7		Exposure to Electromagnetic Radiation	7	Non Ionising Radiation Penetrating	Health	Contractors	Daily	Monitoring directly in front of an operating Microwave dish potentially in close which are shared with other service providers	Extern Telecommunications/ Principal Contractor	N	Possible Occupational illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	2	1	F	Continued Contractor Monitoring	2	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
8		Structural failure	8	Possible falling or being hit by collapsed structure and flying objects	Safety	Contractors	Daily	Structural Analysis not conducted, Poor maintenance of structure, monitoring, Not conducting visual inspections, not inspecting visible defects	Extern Telecommunications/ Principal Contractor	N	Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	P	Continued Contractor Monitoring	5	2	1	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, Line 46.7, ETV0004, ETV0004, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
9		Incorrect Climbing	9	Possible falling	Safety	Contractors	Daily	Not hooking up when ascending the structure, Not competent in tower climbing, lack of communication and experience, Improper communication, No fall-arresting equipment, taking shortcuts	Extern Telecommunications/ Principal Contractor	N	Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	2	1	F	Continued Contractor Monitoring	5	1	1	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, Line 46.7, ETV0004, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
10		Structure overloading	10	Possible Collapse of the Structure	Safety	Contractors	Daily	installing many equipment not according to weight limitations, not implementing recommendations from structural analysis results	Extern 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 file and continued contractor monitoring	5	3	1	P	Continued Contractor Monitoring	5	2	1	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, Line 46.7, ETV0004, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)		
11	Incorrect Equipment handling	11	Possible equipment falling which may cause the person falling or injuring those standing below the structure	Safety	Contractors	Daily	not following the correct procedure, Not competent in handling of equipment, using equipment incorrectly, using telescopic or folding equipment	Extern 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 file and continued contractor monitoring	5	2	1	F	Continued Contractor Monitoring	4	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Safe Handling Procedure ETV0004, ETV0004, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)			
12	Ergonomics	12	Possible body strain and twisting	Health	Contractors	Daily	Not following safe working procedure, Bad posture, repetition movements	Extern Telecommunications/ Principal Contractor	N	Possible Occupational illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	1	F	Continued Contractor Monitoring	3	2	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Manual Handling Guidelines ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)			
13	Falling/throwing objects	13	Struck by a free falling object	Safety	Contractors	Daily	Incorrect use of PPE (hard hat), ignorance, lack of training, lack of experience, improper demonstration	Extern 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 file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	3	2	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, PPE Specification, CHSAS 1800(4.3.1.4.4.4.4.5.3)			
1	Adverse weather conditions (Heavy rain, hail storms, heavy winds)	1	Slip and fall (Ground level) Injury from heat	Safety	Contractors	Quarterly	Ground which is wet may cause a person to slip, hot can be used to cause a person climbing where there is no shelter	Extern Telecommunications/ Principal Contractor	N	Minor or Major injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	3	1	F	Continued Contractor Monitoring	2	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 46.6, 32-47B, CHSAS 1800(4.3.1.4.4.4.4.5.3)			
2	Incorrect use or unavailability of PPE	2	Accidental mishap	Safety	Contractors	Quarterly	PPE not comfortable, lack of awareness, correct PPE not available, PPE not worn according to safe working procedure	Extern Telecommunications/ Principal Contractor	A	Minor or Major injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	1	F	Continued Contractor Monitoring	5	1	1	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.9, ETV0004, CHSAS 1800(4.3.1.4.4.4.4.5.3)			

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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 material not clear, Training not managed.	External Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	3	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32.736, 32.736, OH&G 1800(4.3, 4.4, 4.5)
		3	Conditions leading to Fire	3	Possible fire	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short circuit	External Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	2	6	F	Continued Contractor Monitoring	3	1	6	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, 477(145), Equipment maintenance plan, OH&G 1800(4.3, 4.4, 4.5)
Radio site, Substation: Powerstation	Lifting and rigging	1	Incompetence in Rigging	1	Possible collapse of the structure	Safety	Contractors	Daily	Rigging done by incompetent employees and not done properly	External 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 file and continued contractor monitoring	4	3	6	F	Continued Contractor Monitoring	3	1	6	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, 477(145), 468 Process Plan, OH&G 1800(4.3, 4.4, 4.5)
		2	Falling objects	2	Flying objects	Safety	Contractors	Daily	Incorrect use of PPE (hard hat), ignorance, lack of training, lack of supervision, improper communication, lack of warning signs, incompetence	External 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 file and continued contractor monitoring	5	3	6	F	Continued Contractor Monitoring	5	2	6	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 1705(16), 504 Specification 12, 524, 527 OH&G 1800(4.3, 4.4, 4.5)
		3	Improper use of PPE	3	Possible falling	Safety	Contractors	Daily	PPE not comfortable, ignorance, lack of awareness	External Telecommunications/ Principal Contractor	N	Possible injury, fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	6	F	Continued Contractor Monitoring	5	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 46.7, Line 34.2, Line 46.3, Line 46.4, 52.524, 527 OH&G 1800(4.3, 4.4, 4.5)
		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, Telling others due to poor visibility	External 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 file and continued contractor monitoring	5	3	6	F	Continued Contractor Monitoring	5	1	6	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, Line 46.6, 736, 527 OH&G 1800(4.3, 4.4, 4.5)
	Monitoring Lifting and Rigging	1	Falling objects	1	Flying objects	Safety	Contractors	Quarterly	Incorrect use of PPE (hard hat), ignorance, lack of training, improper demonstration, Poor communication, lack of warning signs.	External Telecommunications/ Principal Contractor	N	Minor or Major injury, fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	1	1	6	F	Continued Contractor Monitoring	1	2	6	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 1705(16), 504 Specification 12, 524, 527 OH&G 1800(4.3, 4.4, 4.5)
Radio site, Substation: Powerstation	Equipment Installation	1	Incorrect Hand Tools	1	Possible Pricks, Stabbing and punctures	Safety	Contractors	Daily	Use of incorrect hand tools, repositioning	External Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	2	2	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Hand tools Procedure 1774(27) Tools Inspection Checklist 1774(155), OH&G 1800(4.3, 4.4, 4.5)
		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	External Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	2	2	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 608, Safe use of Ladders
		3	Lightning strikes and surges	3	Damage to equipment/electrocution	Safety	Contractors	Daily	Lightning strikes/surge surge	External 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 file and continued contractor monitoring	4	2	6	F	Continued Contractor Monitoring	4	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32.526, 1770(157), OH&G 1800(4.3, 4.4, 4.5)
Radio site, Substation: Powerstation	Monitoring of Equipment Installation	1	Incorrect Hand Tools (Improvisation)	1	Possible Pricks, Stabbing and punctures	Safety	Contractors	Weekly	Use of incorrect hand tools, repositioning	External Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	2	2	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Hand tools Procedure 1774(27) Tools Inspection Checklist 1774(155), OH&G 1800(4.3, 4.4, 4.5)
		1	Ergonomics	1	Body strain and muscle pull	Safety	Contractors	Daily	Bad Posture, Standing for Prolonged periods	External Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	3	6	F	Continued Contractor Monitoring	3	3	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 170(163) Manual Handling Guidance, OH&G 1800(4.3, 4.4, 4.5)
Radio site, Substation: Powerstation	Monitoring Trenching/Laying	2	Exposure to Dust	2	Inhalation of particulate matter	Health	Contractors	Daily	Exposure to dust for prolonged periods, Not wearing correct PPE(Dust Mask)	External Telecommunications/ Principal Contractor	N	Possible Occupational illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	2	6	F	Continued Contractor Monitoring	2	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32.526, OH&G 1800(4.3, 4.4, 4.5)
		1	Incompetence in Handling of HCS (Fuel and Herbicides)	1	Possible inhalation of HCS fumes	Health	Contractors	Daily	Incompetence in Safe Handling of fuel for generators, and in handling of herbicides	External Telecommunications/ Principal Contractor	N	Occupational illness (Respiratory effects)	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	3	1	6	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, 41.2, 41.4, Safe handling of herbicide procedure 1774(155), OH&G 1800(4.3, 4.4, 4.5)
Storage Areas	Handling of HCS/Gases	2	Improper fuel storage	2	Possible fire due to chemical reaction	Safety	Contractors	Daily	Incorrect containment, not having warning panels, Not following SOP's	External Telecommunications/ Principal Contractor	N	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	6	F	Continued Contractor Monitoring	3	1	6	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, 41.2, Safe handling of herbicide procedure 1774(155), OH&G 1800(4.3, 4.4, 4.5)
		3	Exposure to inhalation of fumes	3	Inhalation of fumes	Health	Contractors	Daily	prolonged exposure to fumes, Not wearing correct PPE(Respirator)	External Telecommunications/ Principal Contractor	N	Possible Lung infection, injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	6	F	Continued Contractor Monitoring	3	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 41.55, 41.55(145), OH&G 1800(4.3, 4.4, 4.5)
		4	Improper stacking of equipment	4	Possibility of Equipment Falling	Safety	Contractors	Daily	Improper stacking, not correct PPE	External Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	2	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, OH&G 1800(4.3, 4.4, 4.5)
		1	Exposure to inhalation of fumes	1	Inhalation of fumes	Health	Contractors	Quarterly	prolonged exposure to fumes, Not wearing correct PPE(Respirator)	External Telecommunications/ Principal Contractor	N	Possible Lung infection, illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	6	F	Continued Contractor Monitoring	3	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 41.55, 41.55(145), OH&G 1800(4.3, 4.4, 4.5)
	Monitoring use of HCS	1	Incorrect Storage and Stacking	1	Equipment falling	Safety	Contractors	Daily	Incorrect stacking, Not following SOP's, No supervision, no labelling of items, Not wearing Safety Boots in the store	External Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	6	F	Continued Contractor Monitoring	2	1	6	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 34.16, 1774(145) Stacking Inspection Checklist, 1774(145) Storage and stacking equipment, OH&G 1800(4.3, 4.4, 4.5)

Rads site Substation Powerstation	Material handling	2	Poor Housekeeping	2	Risk of fire	Safety	Contractors	Daily	Poor housekeeping, poor waste management, not following SOPs, No proper storage area	External Telecommunications/ Principal Contractor	N	Possible Injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	5	F	Continued Contractor Monitoring	3	1	10	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 40.5, OH&S 1800(4.3.4.4.5.5)
		3	Unhygienic Conditions	3	Possible infections from bacterial contamination and Rodent Infestation	Health	Contractors	Daily	Inadequate cleaning (Poor waste management)	External Telecommunications/ Principal Contractor	N	Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	9	F	Continued Contractor Monitoring	2	1	10	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 42.5, SHE mg Inspection from ETM 1886, ETM 1830 Hygiene facilities Inspection, ID 126, OH&S 1800(4.3.4.4.5.1)
		4	Conditions leading to trips and falls	4	Trips and falls	Safety	Contractors	Daily	Items placed on the walkways causing an obstruction	External Telecommunications/ Principal Contractor	N	Possible Injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	3	12	F	Continued Contractor Monitoring	3	2	10	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 42.5, SHE mg Inspection from ETM 1886, ETM 1830 Hygiene facilities Inspection, ID 126, OH&S 1800(4.3.4.4.5.1)
		5	Poor Lighting	5	Possible falling from not seeing properly	Safety	Contractors	Daily	Area not well lit	External Telecommunications/ Principal Contractor	N	Possible Injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	2	14	F	Continued Contractor Monitoring	2	1	10	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 40.5, OH&S 1800(4.3.4.4.5.1)
		6	Poor Ventilation	6	Poor indoor air quality	Health	Contractors	Daily	No free circulation of clean air No regular maintenance done on the aircon system, ACOV System not working properly, No monitoring done on the system, no regular checks done	External Telecommunications/ Principal Contractor	N	Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	9	F	Continued Contractor Monitoring	2	1	10	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 40.5, Occupational Hygiene Programme, OH&S 1800(4.3.4.4.5.1)

Radio site; Substation; Powerstation	Equipment Storage	7	Incorrect Loading and Off-loading (Lifting)	7	Body strain and muscle pull	Safety	Contractors	Daily	Intemper problem, incorrect manual handling, incorrect lifting techniques, lack of SOP's, Lack of proper lifting equipment	Extem Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	9	F	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 32.2, Manual Handling Procedure ETM1011, OHS&S 180014.3, L.A.4.1	
		1	Incorrect Storage and Stacking	1	Equipment falling	Safety	Contractors	Monthly	Incorrect stacking, No following SOP's, No clear labelling, incorrect stacking of items, Not warning Safety Signs in the store	Extem Telecommunications/ Principal Contractor		Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	9	F	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 32.1, Line 34.10, ETM1011, OHS&S 180014.3, L.A.4.1	
		2	Poor Housekeeping	2	Risk of fire	Safety	Contractors	Daily	Poor housekeeping, poor waste management, not following SOP's, No proper storage area	Extem Telecommunications/ Principal Contractor		Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	9	F	Continued Contractor Monitoring	3	1	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 42.5, SHE mg Inspection form ETM1008, ETM1011, OHS&S 180014.3, L.A.4.1	
		3	Unhygienic Conditions	3	Possible infections from bacterial isolation and fluid contamination	Health	Contractors	Daily	Inadequate cleaning, Poor waste management	Extem Telecommunications/ Principal Contractor		Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	9	F	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, Line 42.5, SHE mg Inspection form ETM1008, ETM1011, OHS&S 180014.3, L.A.4.1	
		4	Poor Ventilation	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	Extem Telecommunications/ Principal Contractor		Possible Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	9	F	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, Line 46.5, Occupational Hygiene Programme, OHS&S 180014.3, L.A.4.1	
	5	Incorrect Loading and Off-loading (Lifting)	5	Body strain and muscle pull	Safety	Contractors	Daily	Intemper problem, incorrect manual handling, incorrect lifting techniques, lack of SOP's, Lack of proper lifting equipment	Extem Telecommunications/ Principal Contractor		Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	2	3	9	F	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 32.2, Manual Handling Procedure ETM1011, OHS&S 180014.3, L.A.4.1		
	Work Area Vicinity	Driving around the office Environment	1	Traffic in the complex	1	Possible Collision	Safety	Contractors	Daily	No Warning signs /Speed limit road markings, Traffic Circle 46.5, Violation of Traffic rules, Inappropriate drivers, Over-Speeding	Extem Telecommunications/ Principal Contractor	N	Possible injury	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	3	3	9	F	Continued Contractor Monitoring	3	2	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-95 Incident Investigation Procedure, OHS&S 180014.3, L.A.4.1
		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 measles, Hepatitis A	Health	Contractors	Daily	Employees not taking treatment, poor ventilation in an overcrowded environment	Extem Telecommunications/ Principal Contractor	A	Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	9	F	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, 34.6, 44.2, 44.3, OHS&S 180014.3, L.A.4.1
		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 measles, Hepatitis A	Health	Contractors	Daily	Poor personal hygiene (Not properly washing your hands after using a toilet)	Extem Telecommunications/ Principal Contractor	A	Occupational Illness	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	9	F	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, 34.6, 44.2, 44.3, OHS&S 180014.3, L.A.4.1
		Office area	Working in close proximity to the Lake and non maintenance of storm water drains	1	Possible flooding during heavy rain	Safety	Contractors	Daily	Heavy rains, insufficient barriers around the lake, poor maintenance of storm water drains	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	4	9	F	Continued Contractor Monitoring	4	3	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, Line 40.7, Emergency preparedness procedure ETM1011, OHS&S 180014.3, L.A.4.1	
Working in the vicinity of petrol stations			2	Possible explosion and fire	Safety	Contractors	Daily	No Proper emergency plans in the third party, Fuel play, negligence	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	9	F	Continued Contractor Monitoring	4	3	9	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, Emergency preparedness procedure ETM1011, OHS&S 180014.3, L.A.4.1		
Working around the substation office	Working around the substation office	3	Stood in an area where there were moving activities	3	Possible occurrence of Earth tremors which may escalate to Earthquake	Safety	Contractors	Daily	No Proper rehabilitation of the area, No Proper impact assessment done, Inactivity	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	3	9	F	Continued Contractor Monitoring	4	3	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, Emergency preparedness procedure 245-000210, OHS&S 180014.3, L.A.4.1	
		4	Helicopter landing on a non designated area	4	Helicopter or aircraft crashing	Safety	Contractors	Daily	Ignoring the directive which declares emergency is a landing zone	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	3	9	F	Continued Contractor Monitoring	4	3	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, Emergency preparedness procedure 245-000210, OHS&S 180014.3, L.A.4.1	
		5	Possible Explosion of flammable and/or, Ammonium nitrate	5	Possible Explosion of flammable and/or, Ammonium nitrate	Safety	Contractors	Daily	No Proper emergency plans, Fuel play, negligence	Extem 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 file and continued contractor monitoring	4	2	9	F	Continued Contractor Monitoring	4	1	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, Emergency preparedness procedure 245-000210, OHS&S 180014.3, L.A.4.1	
	Working around the substation office	5.1	explosive of tank, pipes and cylinders	5.1	explosive of tank, pipes and cylinders	Safety	Contractors	Daily	No Proper emergency plans, Fuel play, negligence	Extem 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 file and continued contractor monitoring	4	2	9	F	Continued Contractor Monitoring	4	1	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, Emergency preparedness procedure 245-000210, OHS&S 180014.3, L.A.4.1	
		6	Actions and Conditions leading to fire	7	Possible burns	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short, circuit breaker faulty	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	4	9	F	Continued Contractor Monitoring	5	2	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, Line 46.5, Line 46.8, 245-000210, OHS&S 180014.3, L.A.4.1	
		7	Actions and Conditions leading to Explosion	1	Possible explosion	Safety	Contractors	Daily	Equipment failure, not following SOP's, electric short, circuit breaker faulty	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	5	4	9	F	Continued Contractor Monitoring	5	2	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, 245-000210, OHS&S 180014.3, L.A.4.1	
Working in close proximity to the HV yard	Working in close proximity to the HV yard	8	Aircraft Crash	8	Aircraft Crash	Safety	Contractors	Daily	Aircraft and helicopter failure, use of crash beds not tested due to bad weather conditions, No adherence to aircraft maintenance, Incompetence in flight the aircraft	Extem Telecommunications/ Principal Contractor	A	Possible injury or fatality	Contractor Management through issuing of health and safety specifications, evaluation and approval of Health and Safety file and continued contractor monitoring	4	3	9	F	Continued Contractor Monitoring	4	2	9	Conducting Behavioural Safety Observation on an as and when required basis, contractor site audits and inspections	Telecommunications/ Principal Contractor	Line 32.3, 32-121, Emergency preparedness (245-000210, OHS&S 180014.3, L.A.4.1)	
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