Occupational Health and Safety Baseline risk assessment template

Project/Dept:	Test Equipment Calibration and Repair Contract		Next Review Date:	03/10/2019	Unique Identifier: 240-70044602
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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 nr	Hazard Identification	Risk Nr	Associated risk (Risk identification)	Risk type	Exposed group/employees	Exposure patterns	Cause(s) of the risk	Risk Owner	Conditions(Normal/Abnormal)	What are the Consequences?	Existing Controls	First determine Consequence and then the Likelihood of that Consequence. Consequence	Likelihood	Risk Priority Rating	Additional Controls or Tasks Aimed at improving Existing Controls: RCE Risk Control Effectiveness	Additional Controls: Controls	First determine Consequence and then the Likelihood of that Consequence. Consequence	Likelihood	Risk Priority Rating	Monitoring Mechanisms	Control Owner	Legal and other requirements
Identify areas where activities are performed and hazards 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 achieving 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 effectiveness.	Indicate N or A. These quickly changes to conditions that could not be reasonably anticipated e.g. Emergencies	What is the expected adverse impact on the objective?	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - Reactive Controls (controls implemented to reduce the immediate impact of the risk occurring)				RCE Risk Control Effectiveness	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - Reactive Controls (controls implemented to reduce the immediate impact of the risk occurring)				How we know if we are succeeding. Include comments on effectiveness. This may include i.e. measurements, inspections, supervision where	Person allocated the responsibility for implementing the signed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
Road	Travelling By Road	1	Fatigue	1	Falling asleep while driving,	Safety	Contractors	Daily	Travelling long distances without resting, partying for long hours and not getting enough rest, studying for long hours without getting any rest	Responsible Manager, Employees, Contractors	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	II	P	Continued Contractor Monitoring	3	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Driver Fatigue management, ETTB 1517, Safe Travelling Procedure 240-62946386, Risk Assessment Procedure 32-520) Task Specific Risk Assessment (ETFM1289)(ETFM1038) OHSAS 18001(4.3.1,4.5.3)
		2	Mechanical failures	2	Defective Vehicle	Safety	Contractors	Daily	Mechanical Failure, Vehicle not checked for defects	Responsible Manager, Employees, Contractors	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	4	3	II	P	Continued Contractor Monitoring	2	1	IV	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Safe travelling procedure 240-62946386; Risk Assessment Procedure 32-520) Task Specific Risk Assessment (ETFM1289)(ETFM1038) OHSAS 18001(4.3.1,4.5.3)
		3	Wild/stray animals	3	Hitting a straying animal	Safety	Contractors	Daily	Obscured view, Over Speeding, No Fencing along the road	Responsible Manager, Employees, Contractors	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	4	3	II	P	Continued Contractor Monitoring	4	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Risk Assessment procedure (32-520), ETFM1038, Task Specific Risk Assessment (ETFM1289); OHSAS 18001(4.3.1,4.5.3)
		4	Over speeding	4	Collission, losing control of the vehicle, unable to stop in time	Safety	Contractors	Daily	Time Pressure, exitement, Doing things in haste, driving under intoxication	Responsible Manager, Employees, Contractors	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	4	I	P	Continued Contractor Monitoring	5	2	II	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Line 54.1 and line 55.3, 55.5 Travelling Procedure 240-62946386; Risk Assessment procedure (32-520), ETFM1038, Task Specific Risk Assessment (ETFM1289); OHSAS 18001(4.3.1,4.5.3)
		5	Exposure to Hijacking	5	Possible assault, rape, stress, trauma, being shot	Safety	Contractors	Daily	Crime, driving alone, Lack of security at site, working at night	Responsible Manager, Employees, Contractors	N	Vehicle being taken, 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	I	P	Continued Contractor Monitoring	5	3	II	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Risk Assessment Procedure (32-520); OHSAS 18001(4.3.1,4.5.3)
		6	Poor Road conditions	6	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	Responsible Manager, Employees, Contractors	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	4	4	I	P	Continued Contractor Monitoring	4	3	II	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Safe travelling procedure 240-62946386; OHSAS 18001(4.3.1,4.5.3)
		7	Adverse weather conditions (Heavy rain, hail storm, heavy winds)	7	Hitting vehicle in front or side	Safety	Contractors	Daily	Blurred visaion, your vehicle swept away by water and the wind pushing it causing loss of control	Responsible Manager, Employees, Contractors	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	II	P	Continued Contractor Monitoring	5	1	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Safe travelling procedure 240-62946386; ET Communication; OHSAS 18001(4.3.1,4.5.3)
		8	Pedestrians crossing the road	8	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	Responsible Manager, Employees, Contractors	N	MVA 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	II	P	Continued Contractor Monitoring	4	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Safe travelling procedure 240-62946386; ET Fleet Policy, OHSAS 18001(4.3.1,4.5.3)
		9	Other negligent road users	9	Colliding with other vehicles	Safety	Contractors	Daily	Third Party negligence, The feeling of being right, Road rage	Responsible Manager, Employees, Contractors	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 approval of Health and Safety files and continued contractor monitoring	5	4	I	P	Continued Contractor Monitoring	5	2	II	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Line 54.22, Safe travelling procedure 240-62946386, ET Fleet Policy, OHSAS 18001(4.3.1,4.5.3)
		10	Unsafe driving	10	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, reckless driving	Responsible Manager, Employees, Contractors	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 approval of Health and Safety files and continued contractor monitoring	5	3	II	P	Continued Contractor Monitoring	3	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Line 54.14, Safe travelling procedure 240-62946386, ET Fleet Policy; OHSAS 18001(4.3.1,4.5.3)
		11	Night driving	11	Being involved in an accident (Collission, hitting pedestrians, hitting straying animals etc)	Safety	Contractors	Daily	Night Blindness	Responsible Manager, Employees, Contractors	N	MVA 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	II	P	Continued Contractor Monitoring	5	2	II	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Safe travelling procedure 240-62946386; OHSAS 18001(4.3.1,4.5.3)
		12	Unroadworthy vehicle	12	Vehicle Breakdown or parts failure	Safety	Contractors	Daily	Poor vehicle Maintenance	Employer, Employees, Contractors	N	MVA 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	II	P	Continued Contractor Monitoring	5	1	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, line 54.10, Precedure 32-95; OHSAS 18001(4.3.1,4.5.3)
		13	Road Works	13	Vehicle Collision	Safety	Contractors	Daily	Obstruction on the road, unclear signs, ignorance, narrow roads, poorly visible road markings	Responsible Manager, Employees, Contractors	N	MVA 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	II	P	Continued Contractor Monitoring	4	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, Safe travelling procedure 240-62946386;OHSAS 18001(4.3.1,4.5.3)
Radio site; Substation; Powerstation		14	Working/Driving in snow	14	Adverse road conditions, hypothermia,	Safety & Health	Contractors	Daily	Snow covered roads, being stuck in snow	Responsible Manager, Employees, Contractors	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 files and continued contractor monitoring	2	4	II	F	Continued Contractor Monitoring	2	3	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3; 32-520; OHSAS 18001(4.3.1,4.5.3)
		15	Travelling in areas where there are protests	15	Loss of control of the vehicle	Safety	Contractors	Monthly	Protestors throwing stones	Responsible Manager, Employees, Contractors	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 files and continued contractor monitoring	4	4	I	P	Continued Contractor Monitoring	4	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3; 32-520; OHSAS 18001(4.3.1,4.5.3)
		16	Driving below the bridges	16	Loss of control of the vehicle	Safety	Contractors	Daily	crime related activities, being caught off guard, Objects thrown from the top of the bridge	Responsible Manager, Employees, Contractors	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 files and continued contractor monitoring	5	5	I	P	Continued Contractor Monitoring	4	2	III	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3, 32-520; OHSAS 18001(4.3.1,4.5.3)
	Handling of Equipment	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	Responsible Manager, Employees, Contractors	N	Possible injury and 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	II	F	Continued Contractor Monitoring	2	2	IV	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3; 32-520; Manual Handling Guideline ETG0611; OHSAS 18001(4.3.1,4.5.3)
		2	Ergonomics	2	Body strain and muscle pull	Health	Contractors	Daily	Poor designs, lack of awareness, assuming bad postures when lifting	Responsible Manager, Employees, Contractors	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	II	F	Continued Contractor Monitoring	2	1	IV	Conducting Behavioural Safety Observation on an as and when required basis	Principal Contractor /Eskom Telecommunications	Line 32.3; Manual Handling Guideline ETG0611; OHSAS 18001(4.3.1,4.5.3)

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