Occupational Health and Safety Baseline risk assessment template

Business/Operating unit:	Eskom Real Estate	Division:	Operations: Treatment of Services		Next Review Date (every 2 years):	Template identifier:	360-78044600
Date:	30-Apr-22	Prepared by:	Lungile Mbyo	Authorised by:	Name: Lungile Mashiyane Designation/ Facilities Manager (Acting): Signed: Date:	Document identifier:	
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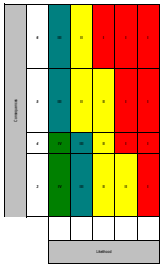
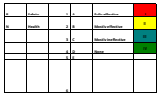
Refer to Occupational Health and Safety Risk assessment procedure 32-525

List activity	Activity type (Routine/Non-routine)	Hazard nr	Hazard identification	Risk nr	Associated risk	Risk type	Cause(s) of the risk	Exposed group/employees	Risk Owner	Exposure patterns	What are the possible consequences?	Existing Controls	L(Likelihood)	E(Exposure)	Risk Score Rating	Additional Controls or Tasks Aimed at improving Existing Controls	Monitoring Mechanism	Control Owner	Legal and Other Requirements	Target Date	Current Status	Integrated Risk Management (IRM) reference number
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Indicate R or N 1. Routine activities and situations create hazards through day-to-day operations and normal procedures. 2. Non-routine activities and situations are occasional or unplanned.	R	Anything with potential to cause of harm. Note: A hazard can pose more than one risk.	R	A chance that injury , ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	What causes the risk to come into effect?	Who is exposed to the hazard i.e. visitors, members of the public, etc.	Who is accountable for making sure the controls and monitors are in place, implemented, regularly reviewed for effectiveness.	The frequency and duration the person/group is exposed to the hazard e.g. Daily for 3 hrs.	Consider the worse case scenario without controls?	Include: Engineering Controls (Physical controls to eliminate hazards or reduce the likelihood of the risk occurring), and Special Controls (Controls implemented to reduce the immediate impact of the risk occurring) **Elimination** **Substitution** **Engineering controls** **Administrative controls**				Include: Engineering Controls (Physical controls to eliminate hazards or reduce the likelihood of the risk occurring), and Special Controls (Controls implemented to reduce the immediate impact of the risk occurring) **Elimination** **Substitution** **Engineering controls** **Administrative controls**	How we know if we are succeeding. Include monitoring of effectiveness. This may include i.e. inspections/assessments, supervision, observation where necessary	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that pertain the control.	Once a date has been agreed to, this can not be changed	Pending, In Progress, Complete	Where applicable, add IRM system reference number for tracking of treatment actions.
Contractor / Contract Management	R	**SHEP01**	Inadequate Resources, Incompetent Personnel, and Inadequate Management Systems.	**SHEP0 1**	Incidents/Accidents; Injuries; Contravention of Prohibition Notices; Project Delays; and Poor SHEQ Performance.	Safety	Poor or no SHEQ compliance and lack of competences in the management of contractors in accordance to SHEQ requirements willfully/silent. Lack of stringent management of contractor SHEQ performance by Eskom line and supervision. Insufficient supervision. Underqualified and inexperienced SHEQ Practitioners. Lack of management support to SHEQ functions and responsibilities.	Principle contractor	Principle contractor	Daily x 8 Hours	Fatality, Lost Time injuries, Medical treatment, Property Damage, Financial & Production loss, Project Delays	Currently there are no existing controls.	5	III		**None**						
Project Execution	R	**SHEP02**	Physical attacks, conflicts, high pressure, Hazardous Chemicals, SHEQ related incident/ injuries, motor vehicle accidents.	**SHEP0 2**	Work related or induced stress, injuries, ill-health, property damage and project delays/schedule disruptions.	Safety	Disagreements , conflicts , Project delays, employee complacency and fatigue.	Principle contractor	Principle contractor	Daily x 8 Hours	Missed targets (Poor SHEQ Performance Statistics, Injuries, Ill-health)	Currently there are no existing controls.	5	III		**None**						
	R	**SHEP03**	Work Acceleration	**SHEP0 3**	Work's excellences, insufficient supervision, insufficient competent personnel performing specific activities, insufficient general workers and failure to comply with contractual agreements with Eskom and ERE SHEQ requirements which includes SHE Specifications, OHS Act and other legislations and NAME standards by contractors on site.		No Supervision from Eskom Project/Facilities Manager & Eskom Engineers (Internal & Sucessful) and Site Supervisors in the management of contractors. Lack of SHEQ compliance enforcement. Lack of delegated management of contractors on SHEQ matters. Lack of SHEQ Competencies. Insufficient Supervision. Taking shortcuts by contractors.	Principle contractor	Principle contractor	Daily x 8 Hours	Fatality, LTI, Medical treatment, Damage, Financial & Production loss	Currently there are no existing controls.	5	III		**None**						
Security	R	**SHEP04**	Overspeeding of vehicles on the premises, Driving without safety belt buckled-up	**SHEP0 4**	Risk of personnel being hit by overspeeding vehicles, Drivers losing control of vehicle	Safety	Ignorance of H&S rules and speed limit by drivers.	Principle contractor	Principle contractor	Daily x 8 Hours	Lost Time ,Medical treatment, production loss.	Currently there are no existing controls.	5	III		**None**						
	R	**SHEP05**	Personnel movement and vehicle within the premises.	**SHEP0 5**	Personnel are at risk of being hit by vehicles	Safety	Failure of observation by drivers and unavailability of pedestrian crossing.	Principle contractor	Principle contractor	Daily x 8 Hours	Lost Time ,Medical treatment, production loss.	Currently there are no existing controls.	5	III		**None**						
Working at height.	R	**SHEP06**	Working at heights	**SHEP0 6**	Fall from heights	Safety	High structures, Adverse weather conditions, Slips and Falls, Risk Takers, Inadequate tools and Equipment	Principle contractor	Principle contractor	Daily x 8 Hours	Fatality,Lost Time ,Medical treatment, production loss.	Currently there are no existing controls.	5	III		**None**						
Scope of work	R	**SHEP08**	(i) Exposure to inclement weather (i.e sun, cold, wind or wet weather) (ii) Use of cutting equipment such as grass cutters (i) Exposure to covered electrical equipment and electrical cords. (iv) Exposure to injuries caused by sunshine/glare. (v) Exposure to snakes, insects	**SHEP0 8**	(i) Dehydration (ii) Injuries (i.e. Cuts and abrasions to feet from plants, branches, stones) (iii) Electrical shocks from cut cords iv) Feet, ankle and knees from uneven ground. (iii) Bites and stings from snakes and insects	Safety	(i) Inadequate / no Safe Working environment. (ii) Lack of / no Supervision and Training. (iii) Inadequate / no Risk Assessments conducted. (iv) Incorrect use of / no PPE provided. (v) Inadequate / no maintenance of tools and equipment. (vi) Overexposure to inclement weather conditions.	Principle contractor	Principle contractor	Daily x 8 Hours	(i) Property damage. (ii) Pain and injuries; medical treatment; LTIs and fatalities. (iii) Snake poisoning. iv) Allergies. v) Electrocution.	Currently there are no existing controls.	5	III		**None**						
	R	**SHEP09**	Hazardous Chemical Substances i.e. Toilet Cleaners - Hand wash soap and used sanitizers - Petrol / Diesel	**SHEP0 9**	(i) Chemical Burns (ii) Medical injuries (iii) Health effects	Safety	(i) Inadequate / no Risk Assessments conducted. (ii) Disfunctional. (iii) Improper storage of hazardous chemical substances (iv) Inadequate PPE provided (v) Lack of / no Supervision and	Principle contractor	Principle contractor	Daily x 8 Hours	(i) Burns; First aid injuries; medical treatment injuries, LTIs and fatalities. ii) Chemical Explosions. iii) Property damage	Currently there are no existing controls.	5	III		**None**						
	R	**SHEP10**	Improper storage and handling of Hazardous chemical substances.	**SHEP1 0**	Poor risk, Inhalation of substances by building occupants	Safety	Unavailability of HCS store room, poor house keeping	Principle contractor	Principle contractor	Daily x 8 Hours		Currently there are no existing controls.	5	III		**None**						
	R	**SHEP11**	Exposure to bees and wasps	**SHEP1 1**	Bees, and wasps stings	Safety	(i) Poor maintenance (ii) Lack of Awareness (iii) Poor Housekeeping	Principle contractor	Principle contractor	Daily x 8 Hours		Currently there are no existing controls.	5	III		**None**						
	R	**SHEP12**	(i) Exposure to snakes, scorpions bites, bee stings and wild animals.	**SHEP1 2**	(i) Snake bites poisoning (ii) Bee stings and wild animals	Safety	(i) Recklessness due to fear of the snake. (ii) Not being aware of the snake.	Principle contractor	Principle contractor	Daily x 8 Hours		Currently there are no existing controls.	5	III		**None**						
	R	**SHEP17**	Exposure to vibs	**SHEP1 7**	Health effects	Health	(i) Poor maintenance (ii) Lack of Awareness (iii) Poor Housekeeping	Principle contractor	Principle contractor	Daily x 8 Hours		Currently there are no existing controls.	5	III		**None**						
	R	**SHEP18**	Exposure to dust, fumes, noise etc.	**SHEP1 8**	(i) Health effects (ii) Respiratory irritants due to dust, fumes and (iii) Hearing disturbance due to noise.	Health	(i) Inadequate / no Risk Assessments conducted. (ii) No provision of PPE (iii) Incorrect / no use of PPE iv) Adverse weather conditions	Principle contractor	Principle contractor	Daily x 8 Hours		Currently there are no existing controls.	5	III		**None**						
	R	**SHEP19**	Thermal stress: - Extreme Hot and cold weather	**SHEP1 9**	(i) Sunburns, (ii) Fainting, (iii) Dehydration, (iv) Skin cancer, (v) Colds and fevers, shivering, (vi) Heat and cold Ishma.	Health	(i) Overexposure to heat/cold, climate change (ii) Poor planning.	Principle contractor	Principle contractor	Daily x 8 Hours		Currently there are no existing controls.	5	III		**None**