

Occupational Health and Safety Baseline Risk Assessment: Supply and delivery of G5, Topsoil material, Seeds, and Fertiliser															
Business/Operating Unit:	Camden Power station										Next Review Date (every 2 years):	Template identifier:	240-70044602		
Date:	Jul-25					Authorised by:		Name		Mandla Mvusi	Document ID	240-157223320			
								Designation		Snr Technician	Revision number:	5			
								Signed			Revision date:	30-Apr-27			
								Date		24/07/2025					
Refer to Occupational Health and Safety Risk assessment															
List activity	Hazard Identification	Associated risk	Risk type	Cause(s) of the risk	Exposure patterns	What are the possible consequences?	Existing Controls		Consequence	Likelihood	Risk Priority Rating		Control Owner	Legal and Other Requirements	Current Status
												RCE Risk Control Effectiveness			
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Anything with potential to cause of harm. Note: A hazard can pose more than one risk.	A chance that injury , ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	What causes the risk to come into effect?	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: <u>Preventative Controls</u> (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and <u>Residual Controls</u> (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls						Person allocated the responsibility for implementing the agreed controls (if applicable)	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.	Pending, In Progress, Complete (if applicable)
Driving on public roads to site	Over speeding of vehicles	MVA	Safety	Not paying attention, not familiar with the road, making use of cell phone, distractions, exposed to unsafe behaviours, congested roads, Pedestrians and live stock, Taxi and Truck on the road, Civil unrest. Negligent driving. Potholes and Weather conditions (rain, mist, etc)	one day	Fatality	driver driving vehicles to have national driver's license a, vehicles in roadworthy condition, only transport authorized staff in vehicle, pre-trip checks, and obeying of all traffic laws, Adherence to life saving rules	1	C	III	Fully Effective	Energy Manager	Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2003 Driver and Vehicle Safety Management procedure (240-62946386)	N/A	
	Driving without safety belt buckled up	Severe Injuries and fatalities when involved in an Accident	Safety	Not adhering to life saving rules	one day	Fatalities	Awareness and Acknowledgement of client Life Saving Rules through induction. Conducting toolbox talks.	1	C	III	Fully Effective	Energy Manager	Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COID) General Administrative Regulations, 2003 General Safety Regulations, 1988	N/A	
	Reversing a vehicle into a Parking lot.	Property damage, Injuries, Collide with other vehicles.	Safety	Failure of drivers to observe while parking Impatience of other drivers while reversing Time pressure Destruction Small parking design	one day	Property damage	Conduct awareness on reverse parking Induction training covers reverse parking Reverse parking signs	1	C	III	Mostly Effective	Energy Manager	Occupational Health and Safety, Act 85 of 1993 (OHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COID) General Safety Regulations, 1988 General Administrative Regulations, 2003	N/A	
	Driving during the night	MVA, Property damage, Injuries and Fatalities Collide with other vehicles.	Safety	Not paying attention, not familiar with the road, making use of a cell phone, distractions, potholes, exposed to unsafe driving behaviours, congested roads, Pedestrians and stray animals, Taxis and Trucks on the road, Civil unrest. Negligent driving, Weather conditions(rain, mist/Fog, etc) & hijacking. Fatigue from working standby	one day	Fatalities	Staff driving vehicles to have national driver's license and vehicles in roadworthy condition, Daily vehicle inspections, routine maintenance of vehicles, and obeying of all traffic laws, Adherence to life saving rules.. Create and communicate Road and vehicle safety awareness.	1	C	III	Fully Effective	Energy Manager	Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2004	N/A	
Interaction amongst employees	Bullying	Compromised self esteem causing depression and suicidal thoughts, Fights	Health	Lack of interpersonal skills and relationship with other employees, Individual background and social issues.	one day	Fatalities	Implementation of HR policies and procedures Awareness	4	B	III	Fully effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) 240-43848327 Right to Refuse to Work in an unsafe condition procedure	N/A	

Consequences

	Drugs	Injuries and Mental health issues	Health	Peer pressure, Social factors, Bullying, Too much work load and pressure	one day	Fatality	HR policies and procedures Awareness Training awareness on drug abuse	4	B	III	Fully effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) 240-43848327 Right to Refuse to Work in an unsafe condition procedure	N/A
	Unrest	Injuries and Property damage	Safety	Misunderstanding between employees and management	one day	Property Damage Injuries	Implementation of Emergency Preparedness Plan Liaison with Security Intelligence Local Police liaison with the organisation if there are road blocks around. Employees use alternative roads for access Activation of JPC	4	B	III	Fully Effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) 240-43848327 Right to Refuse to Work in an unsafe condition procedure Eskom Condition of Services Emergency preparedness Procedure 004-4626	N/A
Supply and delivery of G5, Topsoil material, Seeds, and Fertiliser on site	Moving Machinery	Injuries Fatality Runover	Safety	Defective machine Poor visibility Lack of concentration	one day	Fatality	Only authorized/competent persons are operating the machine Maintenance and service of the machine Emergency stop button Safety signage are displayed in the machine Implementation of lock out system Issuing of PPE with reflective straps Adequate illumination	4	B	III	Fully Effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Compensation for Occupational Injuries and Diseases Act, 1993 (Act 130 of 1993) General Administrative Regulations, 2003 General Safety Regulations, 1988 SANS-10114 of 2020 Part 1 and 3 Driven Machinery Regulations 2015	N/A
	Uneven surfaces	Slip, trips and fall	Safety	Failure to identify the risk Lack of concentration Poor housekeeping	one day	Injuries	Risk assessment. Inspection of work areas on a regular basis as per the procedure Awareness training Providing personal protective equipment (e.g. Slip-resistant footwear)	2	B	IV	Fully Effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003	N/A
	Weather condition (raining)	Slip, trips and fall	Safety	Failure to identify the risk Inadequate plan	one day	Injuries	Risk assessment. Inspection of work areas on a regular basis as per the procedure Awareness training Providing personal protective equipment (e.g. Slip-resistant footwear)	4	B	III	Fully Effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003	N/A
	Exposure to noise above 85dB	Noise exposure	Health	- Inadequate or lack of training on noise sources and control measures. - Infection hearing protection device. - Fluctuating and constant noise from machinery. - Inadequate maintenance and inspection	one day	Noise Induced Hearing Loss	- Conduct occupational hygiene surveys to determine noise exposure levels. - Employees must be subjected to audiometric testing by the Medical Health Practitioner. - Reduction of duration of exposure to the noise source. If exposure occurs, it would be over short durations. - Employees must be subjected to training and education (induction), which includes noise exposure and control measures. - Employees must be provided with hearing protection device. - Employees must correctly use provided / issued hearing protective devices to provide adequate hearing protection against the estimated noise levels.	4	B	III	Fully Effective	Energy Manager	- Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) - Noise-induced Hearing Loss Regulations, 2003 - Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COLD) - General Safety Regulations, 1988 - General Administrative Regulations, 2003	N/A
	inadequate weight limit	injuries to employees , damage transformer	safety	inadequate risk assessment , not following the procedure	one day	Property Damage Injuries	risk assessment to be conducted , manual handling awareness to be communicated , safe working procedure to be communicated	4	B	III	Fully Effective	Energy Manager	- Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) - Compensation for Occupational Injuries and Diseases Act, 1993 (Act 130 of 1993) - General Administrative Regulations, 2003 - General Safety Regulations, 1988 , driven machinery regulations	N/A
	poor communication	injuries	safety	lack of knowledge and competency , distractions	one day	Injuries	toolbox talk to be conducted , risk assessment and do awareness	3	B	IV	Fully Effective	Energy Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003	N/A

8	III	II	I	I	I
5	III	II	II	I	I
4	IV	III	II	I	I
3	IV	III	II	II	I
2	IV	IV	III	II	II
1	IV	IV	III	III	III

R	Safety	1	A	Fully effective	I
N	Health	2	B	Mostly effective	II
		3	C	Mostly ineffective	III
		4	D	None	IV
		5	E		
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