

Occupational Health and Safety Baseline risk assessment template																								
Business/Operating unit:		PEAKING							Department:			Various Stations					Next Review Date (every 2 years):		25/02/2025	Template identifier:	240-70044602 Rev 5			
Date:		25/02/2025							Prepared by:		Bongani Langa			Authorised by:		Name: Roxanne Baloka					Document identifier:	480/41		
																Designation: Senior Engineer						Revision number:		1
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Refer to Occupational Health and Safety Risk assessment procedure 32-520																								
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	Consequence	Likelihood	Risk Priority Rating	Additional Controls or Tasks Aimed at Improving Existing Controls	Monitoring Mechanisms	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 and the personnel involved in the task.	Indicate R or N 1. Routine activities and situations create hazards through day-to-day operations and normal work activities; 2. Non-routine activities and situations are occasional or unplanned.	#	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?	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 worst case scenario without controls?	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) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)				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) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)	How we know if we are succeeding. Include comments on effectiveness. This may include i.e. measurements, inspections, supervision where necessary.	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe 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 (applicable to risks that have an impact on business objectives or require intervention from Senior or Executive management such as implementing major engineering projects as a control)		
Driving	R	1	Overspeeding	4	Vehicle accident	Safety	Not adhering to the speed limit, pressed for time	Employees/contractors/Public	Supervisor	Daily	Fatality	Mix telematics reporting, drive camera. Conducting driver observation. Complete the Driver Risk Profile. Track traffic violations and accident reports.	2	B	IV	Fully effective	None	Driver risk profile, incident records	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), Driver safety procedure, NRT Act	None	None	N/A	
	R	2	Incompetent Driver	5	Vehicle accident	Safety	Negligent driving. Not adhering to life saving rules, failure to check blind spots when overtaking, not having a drivers license	Employees/contractors/Public	Supervisor	Daily	Fatality	Mix telematics and coaching. Pre and post trip inspections. Life saving rules, Ensure to keep safe following distance. Driver's licence, Driver risk profile, Eskom drivers permit. Ensure to adhere to all road traffic rules.	2	B	IV	Fully effective	None	Driver risk profile, incident records	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), Driver safety procedure, NRT Act	None	None	N/A	
	R	3	Driving on public roads and or private roads	6	Vehicle accident	Safety	Not adhering to the speed limit. Not paying attention, not familiar with the road, making use of cellphone, distractions, congested roads, pedestrians and live stock, Taxi and Truck on the road, Civil unrest. Negligent driving. Not adhering to life saving rules, failure to check blind spots when overtaking	Employees/contractors/Public	Supervisor	Daily	LTI	Mix telematics and coaching. Pre and post trip inspections. Life saving rules, Ensure to keep safe following distance. Driver's licence, Driver risk profile, Eskom drivers permit. Ensure to adhere to all road traffic rules.	2	B	IV	Mostly effective	None	Incident records, Telematics report	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) NRT Act	None	None	N/A	
Offloading	R	4	Manual handling	7	Fatigue, Back, shoulder, neck, foot injuries injuries	Safety	Not taking breaks, incorrect lifting technique, failure to wear proper PPE, burns	Contractor	Supervisor	Daily	Medical	Training, toolbox talks, taking breaks, eye protection, dust mask, hard hat, overalls, safety apron	2	B	IV	Fully effective	None	Incident records	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) GSR Section 2	None	None	N/A	
Travelling to and from site.	R	5	Community riots/ Civil unrest	8	Injuries, Damage to property	Safety	Unsatisfied customers (Delays in responding to faults, re-occurrence of similar faults and any other motives, load shedding)	Employees / contractors/Security guards	Supervisor	Daily	Medical	Emergency plan/preparedness, risk assessment, emergency drill routines, contingency plans, Contact SAPS	2	B	IV	Fully effective	None	Incident records	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) 32-123	None	None	N/A	
Entering noisy areas.	R	6	Noise from the machinery.		Noise induced hearing loss	Health	Noise from the machinery.	Employees/ Contractors	Supervisor/ Manager		LTI	Wear hearing protection, Task specific risk assessment, posting warning signs	1	A	IV	Fully effective	None	Medical surveys	Supervisor/ Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) - Noise Induced Hearing Loss Regulations	None	None	N/A	
Removal and replacement of parts	R	7	Access	1	Tripping and Falling	Safety	Slippery surface, not applying three point contact	Employees/ Contractors	Supervisor/ Manager	Daily	LTI	Safety clearance for working at heights. Apply three point contact, posting safety signs, risk assessment	2	B	IV	Fully effective	None	Behavioural safety observations, continuous supervision	Supervisor/ Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993 - National Building Regulations and Building Standards Act 103 of 1977	None	None	N/A	
	R	8	Lifting and rigging	1	Struck by, caught in between	Safety	Incorrect rigging	Employees/ Contractors	Supervisor/ Manager	Daily	LTI	Training, risk assessment	2	B	IV	Fully effective	None	Behavioural safety observations	Supervisor/ Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993; GN R84 Construction Regulation 2014; Driven Machinery Regulation 2015	None	None	N/A	
	R	9	Confined area	1	Struck against	Safety	Limited space	Employees/ Contractors	Supervisor/ Manager	Daily	Medical	Risk assessment, air monitoring, risk assessment, buddy system	2	B	IV	Fully effective	None	Behavioural safety observations	Supervisor/ Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993 - GN R1031 - GSR, 1996& GN R85 Construction Regulation 2014	None	None	N/A	
	R	10		2	Tripping and falling	Safety	Slippery surface	Employees/ Contractors	Supervisor/ Manager	Daily	Medical	Risk assessment, warning signs	2	B	IV	Fully effective	None	Behavioural safety observations	Supervisor/ Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993 - National Building Regulations and Building Standards Act 103 of 1977	None	None	N/A	
	R	11		3	Stuck between	Safety	Limited space	Employees/ Contractors	Supervisor/ Manager	Daily	First aid	Risk assessment, supervision	2	B	IV	Fully effective	None	Behavioural safety observations	Supervisor/ Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993 - GN R1031 - GSR, 1996& GN R85 Construction Regulation 2014	None	None	N/A	
Walking around the plant	R	12	slippery/wet floors	9	Slip, trip, and falls	Safety	Leaks	Employees/contractors/	Supervisor	Daily	Medical	Toolbox talk, be aware of your surroundings, cleaning, PPE (safety boots), wet floor signages, barricading where possible	2	B	IV	Fully effective	None	Incident records	Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)	None	None	N/A	