

Occupational Health and Safety Baseline risk assessment template									
Business/Operating unit:	Kendal Power Station			SOW: Ash Stacker and Spreader Structural Assessment		Next Review Date (every 2 years): N/A	Template identifier: 240-70044602		
Date:	05-Sep-23			Authorised by:		Name: Majeki Baloyi Designation: Project Manager Date: 05 September 2023	Document identifier: N/A Revision number: 5 Revision date: 30-Apr-25		
Refer to Occupational Health and Safety Risk assessment procedure 32-520									
List activity	Hazard Identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls	Control Owner	Legal and Other Requirements		
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	Consider the worse 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)	Person allocated the responsibility for implementing the agreed controls	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)		
Plant Inspection at Ash Handling Plant	Ash Dust	Employees may be exposed to ash dust from the nearing plants or during windy season	Health	Respiratory and lung infections and/or eye irritation	Wearing of dust masks FFP2 & FFP3 is mandatory, hazard awareness and induction	Contractor/ client	OHSAct sec 13, Hazardous Chemical Substance Regulations, Annexure1,36		
		Employees may be exposed to ash dust from the nearing plants or during windy season while driving around the station with the window down	Safety	Poor visibility , leading vehicle accidents, also pedestrian incident	Adhere to safe driving speed limits, hazard awareness and safety induction, Windows to be closed should there be visible dust whilst driving.	Contractor/ client	OHSAct sec 13, Hazardous Chemical Substance Regulations, Annexure1,36		
	Falling objects	Struck by	Safety	Fracture, injuries	Required PPE to be worn i.e hard hat, safety shoes. Risk assessment, Supervision.	Contractor/ client	OHSAct sec 13		
	Noise	Exposure to noise	Health	Noise Induced Hearing Loss	PPE is worn, Hearing protection provided. Procedures in place. Awareness in the form of toolbox talks is provided. Demarcated noise zones on the plant.	Site manager/Supervisor	OHS Act, PSR, Noise-Induced Hearing Loss Regulation		
	Slippery floor	Exposure to slippery floors	Safety	Falls that will result in injuries and fatalities.	The plant is on a planned maintenance programme. Employees are provided with safety boots. Floor slippery warning signs are posted in some of the plant areas.	Site manager/Supervisor	OHSAct, Environmental Regulation for workplace S6, General Safety Regulation S2B		
	COVID 19	contracting the Corona Virus, infecting others if already infected.	Health	Infection, displaying flu-like symptoms and fever, death.	COVID 19 infection awareness, wearing of masks, Sanitising. Observing Covid 19 protocols	Contractor/ client	Disaster Management Act, 2002 (Act 57 of 2002)		
Driving Transporting Employees	Ascending or descending the staircases	Exposure to Staircases	Safety	Falling, Fracture, fatality	Three point contact to be applied, PPE is worn, two man rule, Procedures in place and implemented, Employees are provided with awareness for working on height. Life saving rules applied.	Site manager/Supervisor	OHSAct, Environmental Regulation of workplace S9(d)		
	Night time driving	Poor visibility, fatigue, poor road surfaces including potholes	Safety	Vehicle accidents which would result in multiple injuries and/or fatalities as well as property damage.	Valid driver's licence, Medical fitness, Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns. Postponing trip until its safe to travel	Contractor/ client	Road traffic act, OHS Act. Vehicle Safety 240-69946.		
	Unfavourable Weather conditions , Mist/Fog/heavy rain	Poor visibility and loss of control to the vehicle	Safety	Vehicle accidents which would result in multiple injuries and/or fatalities as well as property damage.	Valid driver's licence, Medical fitness, Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns. Postponing trip until its safe to travel	Contractor/ client	Road traffic act, OHS Act. Vehicle Safety 240-69946.		
	Road users, pedestrians and/or stray animals	Struck by, struck against incidents, Loss of control of the vehicles.	Safety	Collision that result in accidents with multiple injuries and/or fatalities.	Valid driver's licence, Medical fitness, Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns. Postponing trip until its safe to travel	Contractor/ client	Road traffic act, OHS Act. Vehicle Safety 240-69946.		
	Poor Road conditions, potholes, curves, road construction, road works, bends, steep hills, rail crossings	Loss of control of the vehicle. Not observant of the surroundings. Unfamiliar with the road. Speeding	Safety	Vehicle accidents which will result in multiple injuries and/or fatalities as well as property damage.	Valid driver's licence, Medical fitness, Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns. Postponing trip until its safe to travel	Contractor/ client	Road traffic act, OHS Act. Vehicle Safety 240-69946.		