


Occupational Health and Safety Baseline risk assessment template							
Business/Operating unit:	Kandol Power Station			SOW: Refurbishment ,Supply and delivery for Turbine Mechanical Seals	Next Review Date (every 2 years):	Template identifier:	
Date:	17-Jan-23			Authorised by:	Name: Mandla Mkhuvule	Document identifier:	
					Designation: Officer Materials Planner	Revision number:	
				Signed:		Revision date:	30 Jan 23
Refer to Occupational Health and Safety Risk assessment procedure 32-626							
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 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?	Preventative Controls Controls implemented to eliminate hazards or reduce the likelihood of the risk occurring); and Reduction Controls Controls implemented to reduce the immediate impact of the risk occurring) Elimination	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control
OffLoading of Turbine Mechanical Seals Spares	Ash Dust	Employees may be exposed to ash dust from the rearing plants or during ash dust ash dust	Health	Respiratory and lung infections and/or eye irritation	Provide the dust masks PFP2 & PFP3, hazard awareness and reduction	Contractor/Employee	OHSAct sec 13, Hazardous Chemical Substance Regulations, Annexure1.36
		Employees may be exposed to ash dust from the rearing plants or during windy season while driving around the station station	Safety	Poor visibility , leading vehicle accidents, also pedestrian incident	Adhere to safe driving speed limits, hazard awareness and safety induction	Contractor/Employee	OHSAct sec 13, Hazardous Chemical Substance Regulations, Annexure1.36
	Coal Dust	Employees may be exposed to coal dust from the rearing plants mainly service in in	Health	Lung infection that could result with silicosis, eye infection, nasal infection, skin infection	Provide the dust masks PFP2 & PFP3 (mandatory sign posted)	Contractor/Employee	OHSAct sec 13, Hazardous Chemical Substance Regulations, Annexure1.36
	Use of lifting equipment (fork lifts)	Employees may be exposed to falling loads , struck by moving machinery	Safety	Fracture, injuries	Task WTs to be performed only by Eskom trained personnel, maintenance of the equipment, hazard awareness and elimination of the hazard elimination of the hazard	Employee	OHSAct sec 13.Environmental Regulations in workplaces, Driven Machinery Regulations
	Manual handling	Lifting of heavy equipment by hands , trolly loads	Safety	Back injuries, sprains and strains,soft-tissue injuries to wrists, arms, shoulders, neck or feet	Mechanical lifting should be used, no lifting by hands should be done. Hazard awareness	Contractor/Employee	OHSAct sec 13.Environmental Regulations in workplaces, Driven Machinery Regulations 10, Work Instruction "1029635, Ergonomics regulations 2019
Driving on site and offsite	Night time driving	Poor visibility, fatigue, poor road surfaces including potholes	Safety	Vehicle accidents which will result in multiple injuries and/or fatalities as well as property damage.	Medical fitness,Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns/ Driver risk evaluation/Defensive & advance driving training, fatigue management/ rest periods/ route risk assessment	Contractor	Road traffic act, OHS Act, Vehicle Safety 240-69946.
	Weather conditions , Mist/Fog/heavy rain	Poor visibility and loss of control to the vehicle	Safety	Vehicle accidents which will result in multiple injuries and/or fatalities as well as property damage.	Medical fitness,Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns/ Driver risk evaluation/Defensive & advance driving training, wait up until the mist is clear. Use alternative routes.route risk assessment	Contractor	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. Driver is negligent or not trained.	Safety	Collision that result in injuries and/or fatalities.	Medical fitness, Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns/ Driver risk evaluation/Defensive & advance driving training, route risk assessment	Contractor	Road traffic act, OHS Act, Vehicle Safety 240-69946.
	Road conditions, potholes, curves, road construction, road works, bends, steep heels, rail crossings	Loss of control to 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.	Medical fitness, Awareness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns/ Driver risk evaluation/Defensive & advance driving training, Pre inspections, Trip Risk Assessment	Contractor	Road traffic act, OHS Act, Vehicle Safety 240-69946.

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