

BRA for Supply and Delivery of Sulphur Pumps

Occupational Health and Safety Baseline risk assessment template							
Business/Operating unit:	Kendal Power Station	SOW: Supply and Delivery of Sulphur Pumps		Next Review Date (every 2 years):	Template identifier: 240-70044602		
Date:	01-Sep-22	Authorised by:	Name: Siboniso Myeza		Document identifier		
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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 w orse case scenario without controls?	Include: - <u>Preventative Controls</u> (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - <u>Reactive Controls</u> (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 relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
Off loading of Sulphur Pump	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	Provide the dust masks FFP2 & FFP3, hazrd aw arness 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	Safety	Poor visibility , leading vehicle accidents, also pedestrian incident	Adhere to safe driving speed limits, hazard aw areness and safety induction	Contractor/ client	OHSAct sec 13, Hazardous Chemical Substance Regulations, Annexure1,36
	Coal Dust	Employees may be exposed to coal dust from the nearing plants mainly terrace bin	Health	Lung infection that could result with silicosis, eye infection, nasal infection, skin infection	Provide the dust masks FFP2 & FFP3 (mandatory sign posted)	Contractor/ client	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	fork lift to be operated only by Eskom trained personnel, maintenance of the equipment, hazard aw areness and communciation during operation	Contractor/ client	OHSAct sec 13.Environmental Regulations in workplaces, Driven Machinery Regulations
	Manual handling	Lifting of heavy equipment by hands , falling loads	Safety	Back injuries, sprains and strains,soft-tissue injuries to w rists, arms, shoulders, neck or legs.	Mechanical lifting should be used, no lifting by hands should be done. Hazard aw areness	Contractor/ client	OHSAct sec 13.Environmental Regulations in workplaces, Driven Machinery Regulations 18, Work instruction * 1029635, Ergonomics regulations 2019
	Covid 19	Exposure to Covid 19	Health	Flue Like symptoms, Coughing,shortness of breath, hospitalisation, Fatality	Employee to observe Covid 19 protocols i.e Social distancing, wearing of 3 ply mask, temperature screening, sanitizing or washing of hand	Contractor/ client	OHSAct sec 8, Disastor management act- Covid 19 regulations
Driving on site and offsite	Night time driving	Poor visibility, fatigue, poor road surfaces including potholes	Safety	Vehicle accidents w hich w ill result in multiple injuries and/or fatalities as well as property damage.	Medical fitnesss,Aw areness 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/ client	Road traffic act, OHS Act. Vehicle Safety 240-69946.
	Weather conditions , Mst/Fog/heavy rain	Poor visibility and loss of control to the vehicle	Safety	Vehicle accidents w hich w ill result in multiple injuries and/or fatalities as well as property damage.	Medical fitnesss,Aw areness 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/ 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. Driver is negligent or not trained.	Safety	Collision that result in accidents w ith multiple injuries and/or fatalities.	Medical fitnesss, Aw areness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns/ Driver risk evaluation/Defensive & advance driving training ,route risk assessment	Contractor/ client	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 w ith the road. Speeding	Safety	Vehicle accidents w hich w ill result in multiple injuries and/or fatalities as well as property damage.	Medical fitnesss, Aw areness during SHEQ meetings/ tool box talks/ lessons learned/ road safety campaigns/ Driver risk evaluation/Defensive & advance driving training. Pre inspections, Trip Risk Assessment	Contractor/ client	Road traffic act, OHS Act. Vehicle Safety 240-69946.

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