

Occupational Health and Safety Baseline risk assessment template							
Business/Operating unit:	Kendal Power Station Load Testing of Cranes and Electric Hoist					Next Review Date (every 2 years):	Template 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. <b>Note:</b> 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) <b>Elimination</b> <b>Substitution</b> <b>Engineering controls</b> <b>Administrative controls</b> <b>Personal protective equipment (PPE)</b>	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
Load testing on Cranes & Electric hoists	Noise	Exposure to noise	Health	Noise induced hearing loss	Communication (hazard awareness), Medical surveillance program, Training: General Safety, PPE (hearing protection)	Manager	OHS act, NIHL Reg 3-13, SANS 10083, procedure 32-136
	Dust	contact with and inhalation of Ash & Coal dust	Health	Nasal irritation, Occupational disease, Respiratory disease & silicosis. Skin contact may cause acute irritation on the skin i.e skin rash	Communication (hazard awareness), dust supresion, Dust surveys, medical surveillance, Training: General Safety, PPE, Toolbox talk	Manager	OHS act, procedure 32-136
	Illumination	Exposure to poor illuminated areas	safety	Slip, rip and fall Injuries, eye strain	Illumination survey, Communication (hazard awareness), use of portable lights	Manager	OHS act, procedure 32-136
	Stairs	Ascending and Descending Stairs, tripping and falling through defective grating	Safety	Injuries, Fractures	Communication (hazard awareness three point contact), notices and signage, Guarding/barriers/rails	Manager	OHS act, procedure 32-136
	Uneven surfaces, gratings, trenches	Slip, trip and fall, falling into the trench	Safety	Fracture, injuries, fatality	Communication (hazard awareness), Guarding/barriers/rails, Training: General Safety, PPE, Signage and notices	Manager	OHS act, procedure 32-136
	Falling objects	Employees struck by falling objects	Safety	head and body injuries	PPE (Helmet), Pre task risk assesment, compliance to safe working procedures, On job training and awareness, Barricading and signage	Manager	OHS act
Testing	Incorrect use of working tools	Exposure to Pinch points and cuts as well as struck by the beam	Safety	hand and body injuries	Use of right tool for the job, Awareness training, inspection and maintenance of tools, Correct use of PPE	Manager	OHS act
Lifting & Rigging	Rigging Weights	Load dropping, Crane Collapse	Safety	Fatality and major injuries	Eskom and Contrsctor's Induction, Site inspections and observations, Use of well maintained and suitable lifting tackle (certified), Training: General Safety, Personal protective	Manager	OHS act, procedure 32-136
Working at heights	Sub standard Scaffolding; sub standard PPE (safety harness); Loose/unsecured material	Falling From heights, Structural Collapse & Exposure to insufficient hooking facility	Safety	Injuries, fatality	Eskom and Cotractor's induction, Fall protection plan and awarness, Work at height training, Use of correct fall prevention Equipment (PPE) & Compliance to life saving rules	Manager	OHS act, Work at height procedure 32-418

Transportation of Weights	Improper stacking/securing of loads,uneven loads	Falling loads	Safety	Injuries, fatality	Inspections and observations, Pre task risk assesment, Communication (hazard awareness), Training: General Safety	Manager	OHS act, procedure 32-136
Loading & Offloading	Improper stacking and storage, improper lifting equipment , congested working area , unsecured load, heavy loads	Falling loads, back sprains, swinging loads,	Safety	Injuries, fatality	Training and Awareness , Site inspections and observations, Safe Work Procedures	Manager	OHS act, procedure 32-136
Driving	Motor Vehicle, Poor Road conditions and Pedestrians	Injury and property damage	Safety	Fatality,Property damage and injuries	Provision of common transport, Road safety campaign / awareness, substance abuse programme and Road maintenance	Manager	SHE Specification, National Taffic Act
Contracting Covid-19	Overloaded employees vehicles, Non-compliance with COVID19 guideline, Sharing of facilities and hand tools, Failure to use or to provide disinfectants, Virus contaminated	Employees could be infected with COVID19 virus, Could be arrested or fined, Contracting COVID19 virus/death/ severe illness	Health	Severe illness, fatality	Social distancing (2m) Correct PPE to be worn Sanitize regularly Wash hands with soap and water Correct coughing / sneezing practices	Manager	South African Covid-19 guidelines, NICD, WHO guidelines