


Occupational Health and Safety Baseline risk assessment template											
Business/Operating unit:	Kusile Power Station							Next Review Date (every 2 years):		Template identifier:	
Date: 12 February 2024	Supply, Delivery, Installation and Commission of Kitchen Equipment for Kusile Power Station for a period of 12 months			Authorised by:				Name: Refilwe Mosadi	Document identifier		
								Designation: Manager Projects	Revision number:	5	
								Signed: 	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	Consequence	Likelihood	Risk Priority Rating	RCE Risk Control Effectiveness	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 - Resistive 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 relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
Installation of equipment	Incompetent Personnel	Fatality, injury	Safety	Fatality, serious injury requiring medical treatment	- Trained and competent Personnel shall execute the activities. Personnel to possess relevant qualifications to work on control and Instrumentation devices.	5	A	II	Fully effective	Responsible contractor	Training
Calibration of equipment	Electric shock	Fatality, injury	Safety	Fatality, serious injury requiring medical treatment	- Trained and competent Personnel shall execute the activities. Personnel to possess relevant qualifications to work on control and Instrumentation devices.	5	A	II	Fully effective	Responsible contractor	Use of correct PPE
Lifting of equipment	Incorrect lifting procedure	Fatality, injury	Health	Fatality, serious injury requiring medical treatment	Lifting procedure to be issued to the contractor	5	B	II	Fully effective	Responsible contractor	Use of correct PPE
Use of electrical and hand tools	Unsafe, and/or defective equipment	Electrocution, injury	Safety	Serious injury requiring medical treatment	- Hand tools should be visually inspected for defects, prior use. - Tools to be regularly maintained and records thereof be kept - Tools that shows signs of damage, wear to be discarded - Appropriate PPE for the job task to be worn at all times by personnel conducting works	5	C	II	Fully effective	Responsible contractor	Use of correct PPE
Driving	Uneven road surfaces on site	Accident	Safety	Fatality, serious injury requiring medical treatment	Safety Induction to be provided before access is given	5	C	II	Fully effective	Employer	Occupational Health and Safety Act (Act No. 85 of 1993); Electrical Machinery Regulations

R	Safety	1	A	Fully effective	I
N	Health	2	B	Mostly effective	II
		3	C	Mostly ineffective	III
		5	E		
		6			