


Occupational Health and Safety Baseline risk assessment template											
Business/Operating unit:	Kusile Power Station								Next Review Date (every 2 years):	Template identifier:	
Date: 15 April 2025	Submerged scapper conveyer inspection and repairs				Authorised by:			Name: France Mabula	Document identifier		
								Designation: Project Coordinator	Revision number:	5	
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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	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. <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: - <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)						
<b>Pulling SSC and preparation of area</b>	Use of faulty lifting equipment	Use of faulty lifting equipment resulting	Safety	Falling from heights	•All lifting equipment to be inspected prior to use.	5	A	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations
	Cables causing slip trip and fall hazard.	Employees coming into contact with cab	Safety	Head injuries	<ul style="list-style-type: none"> <li>Spotters to be placed in the area to guard against unauthorised entry into area.</li> </ul>	5	A	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations
	Snapping of cables whilst pulling.	Snapping cables coming into contact with	Health	Lung infections/ sickness	<ul style="list-style-type: none"> <li>Placement of cables to be done by competent rigger only.</li> </ul>	5	B	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations
<b>Pull Slack of the SSC Flights and</b>	Trip Hazards in the SSC	Slip, trip and fall due to flights on the	Safety	Damage of ear drum/ loss of hearing	Extra caution to be exercised while working in the SSC.	5	A	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations
<b>Hot Works (Welding and Grinding)</b>	Exposure to excessive fumes	Exposure to excessive fumes causing lung	Safety	Burns/ Injuries	Appropriate PPE to be worn at all times whilst work is being conducted.	5	B	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations
	Poor management of gas cylinders	Poor management of gas cylinders leading to	Safety	Slip and fall	Gas cylinders to be stored on trolley and chained to the trolley	5	B	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations
<b>Use of hand tools and other equipment</b>	Nip and pinch points	Contact with hand tools may result in nip	Safety	Body cuts/ cutting of ropes	<ul style="list-style-type: none"> <li>Gloves to be worn where a risk of nipping exists.</li> </ul>	4	C	II	Fully effective	Responsible contractor	Occupational Health and Safety Act (Act No. 85 of 1993); Driven Machinery Regulations