	<b>KOMATI POWER STATION</b>	<b>Doc No: SAF35KPS</b>	<b>Rev No: 4</b>
		<b>Page 1 of 2</b>	
		<b>Document Type:</b>	<b>FORM</b>

<b>PROJECT BASED RISK ASSESSMENT</b>	
<b>DATE: 2025/09/22</b>	<b>DEPARTMENT: Chemical Services</b>
<b>Project Scope:</b> Supply, Optimization and Delivery of Water Treatment Chemicals for Desalination Plant on As and When Required Basis	

<b>Hazard (potential)</b>	<b>Risk (outcome)</b>	<b>Existing control measures</b>
Uneven surfaces	Slip, trip and falls resulting in injuries such as sprains, torn ligaments.	OHS Induction, follow cell phone usage procedure-do not walk while using cell phone. Be aware of your surroundings.
Moving Vehicles	Injuries that may lead to fatalities	Use of designated pedestrian walkways. SHEQ Induction.
Snakes, bees, wasps	Anaphylactic shock Fatality	Communication (hazard awareness) Emergency preparedness Snake catchers available
Use of stairs	Slip, trip and falls resulting in bodily injuries	Apply three points of contact when ascending and descending stairs. Avoid distractions such as carrying tools and equipment when using the stairs.
Barricaded Areas	Unauthorized access, potential for falls, and hazards from falling objects	Proper barricade installation and clear signage to prevent access to pedestrian and vehicular traffic. Compliance with relevant regulations. SHEQ Induction
Severe Weather Conditions	Injuries and property damage	Emergency preparedness procedure and south African weather service warnings.



## KOMATI POWER STATION

Doc No: SAF35KPS

Rev No: 4


Page 2 of 7

Document Type:

FORM


Offloading floor bins using the forklift	Rollovers, collisions with pedestrians or objects, falling loads	Competent Operator, Pre-Inspection of the forklift, confirm load capacity, ensure the area is clear of people and other obstruction before moving forklift. Barricade the area. Safe Work Procedure to be followed.
	Mechanical Failures	Pre-Inspection of the forklift. Maintenance and service of the forklift.
	Whole body vibration Inhalation of exhaust fumes Exposure to noise	Seat to be in a good condition, compliance with the speed limit. Maintenance and service of the forklift. Wearing the hearing protective equipment.
Potholes around the station	Vehicle damage	Potholes are barricaded. SHEQ Induction

Compiled By: Mapule Dire

Signature: 

Date: 2025-09-25

Accepted by: Daniel Mphuthi

Signature: 

Date: 2025-09-25