



KOMATI POWER STATION

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FORM

Project BASED RISK ASSESSMENT

DATE: 2024/03/07

DEPARTMENT: Chemical Services

Scope of work: The Supply of Sodium Hypochlorite and Sodium Carbonate at Komati Watertreatment Plant

Description of activity/service/issue	Hazard (potential)	Risk (outcome)	Existing control measures	Consq	Likelihood	Rating
	Hazardous Chemicals Agents	Burns, suffocation, and respiratory disease, which could result in fatalities	Signages for unauthorised entry, safety data sheet, awareness on dangers of each chemical and risks. Safety showers and eye wash station.	5	C	II
	Uneven Surfaces	Falls that will result in injuries such sprains ankle, torn ligaments	Be aware of the surroundings, follow cell phone usage procedure- do not walk while using cell	3	B	III
	Live Electricity	Electrocution that could result in electric shock and burns.	Planned maintenance schedule for lighting strategy in place; Special/Temporary lighting is provided.	4	B	III
	Possible slips, trip and fall	Tripping and falling that will lead to fracture and injuries	Hazard and awareness communication to employees, Office cleaning programme	3	B	III
	Moving Vehicles	Fatality	Use of designated pedestrian crossing and walkways. Induction	5	B	II



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