



KOMATI POWER STATION

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FORM


PROJECT BASED RISK ASSESSMENT

DATE: 2025/03/31


DEPARTMENT: C&I and Electrical Maintenance

Project Scope: The Provision of Control instrumentation and Electrical Maintenance services

Hazard (potential)	Risk (outcome)	Existing control measures	Consq	Likelihood	Rating
Uneven surfaces	Falls will result in injuries such as sprains, torn ligaments.	OHS Induction, follow cell phone usage procedure-do not walk while using cell phone.	3	B	III
Moving Vehicles	Injuries that may lead to fatalities	Use of designated pedestrian crossing and walkways, OHS induction.	5	B	II
Snakes, bees, wasps	Anaphylactic shock Fatality	Communication (hazard awareness) Emergency preparedness Snake catchers available	5	B	II
Community protest	Injuries and property damage	Emergency preparedness procedure. Stakeholder engagement forum	3	C	II
Severe weather condition	Injuries and property damage	Emergency preparedness procedure and South African Weather Service warnings	5	C	II
Slippery floors during cleaning	Slip and fall resulting into injuries	Warning sign for wet surface	4	B	III
Potholes on the station roads	Motor vehicle damage. Injury due to falling into the hole	Fixed Barricading	3	B	III
Poor illumination	Slip, trip and fall resulting into injuries. Eye strain	Planned maintenance for lights. Illumination survey	3	B	III


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