




Medupi Power Station
Configuration Management Services Project Specific Baseline Risk Assessment

Document Identifier	240-163369189	Rev	1
Effective Date	01-Apr-21		
Review Date	Mar-25		


MEDUPI POWER STATION IDENTIFIED HAZARDS AND RISK FOR PROJECT BASELINE RISK ASSESSMENT

LIST OF ACTIVITIES	HAZARD	RISK
General office activities	Employees spent most of the shift in the office environment and are exposed to artificial illumination.	Fatigue/headaches/eye strain
General office activities	inadequate body posture and position	Fatigue/musculoskeletal disorders
Travelling	Bad road conditions	Accident - fatality
Travelling	Speeding	Accident - fatality
Travelling	Rural/dangerous roads	High jacking -Fatality
Travelling	Rural/dangerous roads	High jacking -post traumatic stress
Walking to and from site	Uneven road/floor surfaces	Trip and fall - injury
Walking to and from site	Slippery road/floor surfaced	Slip and fall - injury
Walking to and from site	Open manholes	Falling - fatality
Walking to and from site	Climbing stairs without having three-point contact.	Falling - injury
Driving	Use of cell phone while driving	Accident - fatality
General site activities	Working under pressure/long hours	Psychological factors – stress
Working at height/Working at elevated	Falling from height or from elevated positions	Serious body injuries/Fatalities
Installation of Labels	Lifting equipment	Muscle strain/back trauma
Installation of Labels	Adhesive glue-Sikaflex	health- skin irritation, allergy and respiratory issues.
Painting	Inhalation of gas	Health - Respiratory disease
Painting	Lifting equipment	Muscle strain/back trauma
Installation of Labels	Sharp Edges	Health - injury
Plant Label installation, walk and inspection	Working at heights	Falling- injur/fatality
Plant Label installation, walk and inspection	Noise	Health- hearing loss
Plant Label installation, walk and inspection	Dust	Health- Respiratory disease
Plant Label installation, walk and inspection	Heat	Health- Hyperventilating
Plant Label installation, walk and inspection	Poor lighting	Trip and fall - injury
Plant Label installation, walk and inspection	Confined Space	Health- Hyperventilating
Plant Label installation, walk and inspection	Animal attacks	Health- Injury
Plant Label installation, walk and inspection	Electricity	Electrocution
Plant Label installation, walk and inspection	Falling Objects	Health- Struck by falling objects
Plant Label installation, walk and inspection	Moving machinery or rotating machinery	Caught by, Striking by and bumping against.
Plant Label installation, walk and inspection	Hot surfaces/Exposure to heat	Health- Minor burns, heat exhaustion,
Plant Label installation, walk and inspection	Moving machinery	Body trauma, contusion, fatality
Plant Label installation, walk and inspection	Poor ergonomics	Muscle strain/back trauma
Plant Label installation, walk and inspection	Extreme temperatures	Heat exhaustion, heat cramps,dehydration,fatigue
Plant Label installation, walk and inspection	Defective lectrical cord/extensions	Electrocutions, Slips, trips and falls

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