



Medupi Power Station

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Rev

3

Maintenance of Fire Equipment

Effective Date

01-Apr-21

Project Specific Baseline Risk Assessment


Review Date

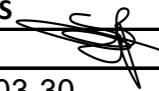
Mar-28

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

LIST OF ACTIVITIES	HAZARD	RISK
Driving activities	Speeding	Accident - fatality
Driving activities	Uneven road/floor surfaces	Accident - fatality
Driving activities	Wild animals	Accident - collision
Driving activities	Driving under the influence of alcohol	Vehicle accident
Driving activities	Substance abuse	Vehicle accident
Driving activities	Use of cell phone while driving	Vehicle accident
Driving activities	Incompetent driver/operator	Property damages incidents
Driving activities	Incompetent driver	Collision with other vehicles
Driving activities	Use of cell phone while driving	Accident - fatality
Loading and Offloading of equipment	Manual handling	Masculoskeletal Disorder
Loading and Offloading of equipment	Unsecured load or package	Damage to the load
Loading and Offloading of equipment	Unsecured load or package	Load falling onto body parts causing injuries
Loading and Offloading of equipment	Sharp edges	Finger cuts injuries
Loading and Offloading of equipment	Spillage	Environmental contravention/ slip and fall
Loading and Offloading of equipment	Pinch Point	Hand and finger injuries
Loading and Offloading of equipment	Lifting heavy object/Use of incorrect lifting techniques	Masco
Loading and Offloading of equipment	Dust(ash from ash silos)	Respiratory disease
Loading and Offloading of equipment	Hazard from nature	Snake, spider and babon attack
Loading and Offloading of equipment	Poor visibility	Trip and fall - injury
Loading and Offloading of equipment	Lone working	Medical condition and animal attacks
Loading and Offloading of equipment	Lifting of heavy stock	Body injuries
Loading and Offloading of equipment	Wearing dark clothing while off loading and walking around the warehouse	Hit by mobile equipment (Lifting Equipment)
Loading and Offloading of equipment	Poor ergonomics	Masculoskeletal Disorder
Loading and Offloading of equipment	Bullying and Harrassment	Effects on mental Health
Loading and Offloading of equipment	High Ambient temperatures	Fatigue and body exhaustion
Loading and Offloading of equipment	Uneven surfaces	Trip and fall - injury
Servicing activity	workshop hazards	failed pressure testing
Servicing activity	Dry chemical powder	Inhalation of DCP
Servicing activity	Gas refilling	Carbon monoxide poisoning
Servicing activity	Plant noise	Hearing Loss
Servicing activity	Pinch Point	Hand and finger injuries
Servicing activity	Lifting heavy object/Use of incorrect lifting techniques	Masco
Servicing activity	Dust(ash from ash silos)	Respiratory disease
Servicing activity	Hazard from nature	Snake, spider and babon attack
Servicing activity	Poor visibility	Trip and fall - injury

Servicing activity	Lone working	Medical condition and animal attacks
Servicing activity	Use of cell phone while walking in the plant	Accident - fatality
Servicing activity	Manual handling	Masculoskeletal Disorder
Servicing activity	Lifting of heavy stock	Body injuries

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