



Medupi Power Station
Intelligence Plant Monitoring and Surveillance System Project Specific Baseline Risk Assessment

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

LIST OF ACTIVITIES	HAZARD	RISK			
Installation and Commissioning	Noise	Noise Induced Hearing Loss (NIHL)			
	Vibration	Sensitivity loss			
	Heat	Heat stroke, dehydration			
	Poor Illumination	Bump against			
	Poor Illumination	Eye strain			
	Electrical	Electricution			
	Toxic gases	Asphixiation			
	Poor Housekeeping	Fall slips & trip			
	Working on heights	Fall from heights			
	Use of hand tools	Manual handling of tools	Muscule strain/fatigue		
Hand pinching		Finger/ Hand injuries			
Walking around the plant	Uneven surfaces	Tripping and falling.			
	Walking while carrying equipment.	Tripping and falling.			
	Coal dust	Coal dust inhalation			
	Hot Surface	Burns			
	Exposure to snake bites and bee sting	snake bites and bee sting			
	Sharp edges	Finger cuts injuries			
Working on site	Exposure to lubricants and oil spillage	Fall, slip and trip			
	Suspended Load	Falling objects			
	Rotating equipment	Caught in between			
Driving	Driving under the influence of alcohol	Vehicle accident			
	Speeding	Accident - fatality			
Daily Activities	Wild animals	Accident - collision			
	Bullying and Harrassment	Low moral			
	Bullying and Harrassment	Effects on mental Health			
	Bullying and Harrassment	Isolation			
Office Admin	Bullying and Harrassment	Effects on Physical Health			
	Poor Illumination	Eye Strain			
	Inadequete Indoor air quality	Flu /Fatigue			
	Ergonomic	Body Strain			
	Poor Housekeeping	Slip ,trip and Fall			
	Office Furniture	Bumped into furniture			

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