

Occupational Health and Safety Baseline

Business/Operating unit:

Date:

Refer to Occupational Health and Safety Risk Assessment

List activity

Hazard Identification

Associated risk

Risk type

What are the possible consequences?

List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.

Anything with potential to cause of harm.
Note: A hazard can pose more than one risk.

A chance that injury, ill health or damage could occur as a result of uncontrolled hazard.

Safety or health

Consider the worse case scenario without controls?

Replacement of Square to round , Duplex dampers, Vibrator motor , Raw coal pipes, Raw coal chute	Falling objects	injury	Safety	Injuries
Replacement of Feeder unit(body)	Exposure to noise	NIHL	Health	hearing loss
Replacement of feeder internals(plough,segment,table and liners) and feeder external components(gear box,motor,couplings and shaft bearing unit)	Exposure to noise	NIHL	Health	hearing loss

Replacement of Hot air damper and hot air damper cylinder	Falling objects	injury	Safety	Injuries
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Replacement of Raw coal pipe below the feeder and above classifier	Falling objects	injury	Safety	Injuries
Replacement of the top half and bottom half of the classifier	Falling objects	injury	Safety	Injuries

Replacement of mill externals(Explosion covers,mill body,Roller assemblies and trunion arms)	Falling objects	injury	Safety	Injuries
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Replacement of mill internals(wall ring,set ring,rotating throat,main table segment,segment wedges and mill main table)	Falling objects	injury	Safety	Injuries
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Replacement of hydraulic system components(Nitrogen accumulators,power cylinder,pump and hydraulic cabinent)	Exposure to noise	NIHL	Health	hearing loss
Replacement of Mill gearbox,mill motor and gearbox coupling	Falling objects	injury	Safety	Injuries

lub oil system components replacement(luboil pump,motor,filter unit and cooler)	Exposure to noise	NIHL	Health	hearing loss
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changing of hydraulic oil inside the cabinet and mill gearbox	Exposure to noise	NIHL	Health	hearing loss

Trunnion arm and roller assembly refurbishment at locoshed	Exposure to noise	NIHL	Health	hearing loss
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U1 - U6 Inspections ontop of classifiers	Hot PF	injury	Safety	3dr degree burns on the body

The risk assessment template							
					Next Review Date (every 2 years):	Template identifier:	
Authorised by:			Name:		Document identifier		
			Designation:		Revision number:	1	
			Signed:		Revision date:	31-May-24	
			Date:				
Risk assessment procedure 32-520							
Existing Controls				Risk Priority Rating		Control Owner	Legal and Other Requirements
Include: - <u>Preventative Controls</u> (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - <u>Reactive Controls</u> (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)		Consequence	Likelihood		RCE Risk Control Effectiveness	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.

The bunker must be empty,wear hard hat and secure tools when working	2	C	III	Mostly effective	Supervisor	Environmental regulation for work places section 6
Noise survey/ medical surveillance and Hearing protection device (Ear Plugs, Ear Muffs, Variphones/Noise Ban)	4	C	II	Mostly effective	Mdu Ngwane	OHSAct section 8,Noise Induced Hearing Loss Regulation
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Clean PF accumulated and maintenance to repair defect, adhere to FFFR. Once mill is off it must cooldown for about 5 hrs for OPS to do the cleaning and Maintenance to repair the defect	4	C	II	Mostly effective	0	OHSAct section 8,Hazardous chemical chemical substance regulation

sequences	6	III	II	I	I	I
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	5	III	II	II	I	I
	4	IV	III	II	I	I
	3	IV	III	II	II	I
	2	IV	IV	III	II	II
	1	IV	IV	III	III	III
		A	B	C	D	E
		Likelihood				











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R	Safety	1	A	Fully effective	I
N	Health	2	B	Mostly effective	II
		3	C	Mostly ineffective	III
		4	D	None	IV
		5	E		
		6			