

Occupational Health and Safety Baseline risk assessment template											
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Refer to Occupational Health and Safety Risk assessment procedure 32-520											
List activity	Hazard identification	Associated risk	Risk type	What are the possible consequences?	Existing Controls			Risk Priority Rating	RCE Risk Control Effectiveness	Control Owner	Legal and Other Requirements
						Consequence	Likelihood				
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?	Include: - Preventative Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - Reactive Controls (controls implemented to reduce the immediate impact of the risk occurring) Elimination Substitution Engineering controls Administrative controls Personal protective equipment (PPE)					Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the control.
Cleaning (offices, plant and workshops)	Noise	Exposure to noise in plant areas and workshops	Health	Noise induced hearing loss	Communication (hazard awareness), Medical surveillance program, Training: General Safety, Personal protective (hearing)	4	B	II	Mostly effective	Client/ Contractor	OHS s8(2)(d), GMR 3, NHL Reg 3-13, SANS 10063, procedure 32-136
	Dust	Exposure to Ash dust	Health	Nasal irritation, Occupational disease, Respiratory disease	Plant maintenance, Communication (hazard awareness), Noise surveys, dust suppression, medical surveillance, training	4	B	II	Mostly effective	Client/ Contractor	OHS Act s13, OHS s8(2)(b, c, d, e), GSR 2, procedure 32-136
	Dust	Exposure to coal dust at coal plant	Health	Nasal irritation, Occupational disease, Respiratory disease	Safety, PPE	4	B	II	Mostly effective	Client/ Contractor	OHS Act s13, OHS s8(2)(b, c, d, e), GSR 2, procedure 32-136
	Illumination	Exposure to poor illuminated areas	Safety	Injuries, eye strain	Plant maintenance, Communication (hazard awareness), dust suppression, Dust surveys, medical surveillance, Training: General Safety, PPE	4	B	II	Mostly effective	Client/ Contractor	ERW OHS s8(2)(b, c, d, e), OHS s8(2)(b, c, d, e), GSR 2, procedure 32-136
	Manual handling and incorrect body posture	Employees are handling equipment and may have incorrect posture	Safety	Injury, back injuries, foot injuries	Communication (hazard awareness), Dust Surveys, Medical surveillance program, Training: General Safety, Personal protective	4	B	II	Mostly effective	Client/ Contractor	OHS s8(2)(b, c, d, e), procedure 32-136
	Wet or slippery floor conditions	Slips and fall	Safety	Injury, contusion	Communication (hazard awareness), Guarding/barriers/rails, Training: General Safety, PPE, signage	4	B	II	Mostly effective	Client/ Contractor	OHS s8(2)(b, c, d, e), ERW 6, SANS 10400, GSR 2, procedure 32-136
	Electricity	Exposure to domestic 220V circuits, electricity	Safety	Electrical Shock, Fatality	Communication (hazard awareness), Equipment audits/inspections, Guarding/barriers/rails, Training: General Safety, Signage and notices	4	B	II	Mostly effective	Contractor	ER (2-6), EMR (2-10), OHS s8(2)(b, c, d, e), procedure 32-136
	Hazardous substances	Exposure to plant where there is HCS and exposure to chemicals used by the employees, infection, skin contact, inhaling	Health	Occupational diseases, eye injuries	Plant maintenance, LAR, Communication (hazard awareness), medical surveillance, MSDS training, PPE	4	B	II	Mostly effective	Client/ Contractor	HCSR (2-15), OHS s8(2)(b, c, d, e), OHS s13, PSR, procedure 32-136
	Stairs	Ascending and Descending Stairs	Safety	Injuries, Fractures	Communication (hazard awareness), notices and signage, Guarding/barriers/rails, PPE	4	B	II	Mostly effective	Client/ Contractor	OHS Act s13, OHS s8(2)(b, c, d, e, f), GSR 2, procedure 32-136
	Heat, hot surfaces	exposure to heat & hot surfaces in the plant, kitchen	Safety	Thermal Burns, injuries	Communication (hazard awareness), Guarding/barriers/rails, notices and signage, PPE	4	B	II	Mostly effective	Client/ Contractor	OHS Act s13, ERW, GSR 2, OHS s8(2)(b, c, d, e, f), procedure 32-136
	Uneven surfaces, gratings, trenches	slip trip and fall, falling into the	Safety	Fracture, injuries, fatality	Plant maintenance, communication (hazard awareness), Guarding/barriers/rails, training, General Safety, PPE, signage and notices	4	B	II	Mostly effective	Client/ Contractor	OHS Act s13, OHS s8(2)(b, c, d, e, f), GMR 3, DMR 2, GSR 2, procedure 32-136
	Moving vehicles and machinery in the plant and around	Colliding or struck by moving vehicles and machinery	Safety	Serious injuries, Fatality	Traffic communication, communication (hazard awareness), general safety training, Guarding/barriers/rails, signage	4	B	II	Mostly effective	Client/ Contractor	Road Traffic act, OHS Act s13, OHS s8(2)(b, c, d, e, f), GSR
	Emergencies	Employees exposed to emergency situation, such as fire, medical emergency	Safety	Fatalities	Emergency preparedness plan, Communication (hazard awareness), EPP safety training	4	B	II	Mostly effective	Client/ Contractor	OHS Act s13, OHS s8(2)(b, c, d, e, f), ERW, Kendal EP Plan *1015702, SHE specification
Hygiene Services											
Place and replace plastic SHE bins	Hazardous waste	Infections, pathogens, parasites or their factors mixed waste	Health	Occupational health diseases, eye injuries	Routine hepatitis vaccination, Full PPE to be worn, wash regularly	3	C	IV	Mostly effective	contractor	OHS Act, Hazardous Chemical,
	SHE Bins	Infections, pathogens, parasites or their factors mixed waste	Health	Serious health problems	SHE bins to be washed weekly, use disinfectant chemical to clean SHE bins	3	C	IV	Mostly effective	contractor	OHS Act, Hazardous Chemical,
Loading waste boxes into vehicle	Boxes	Falling boxes	Safety	Serious injuries	proper stacking to be provided	3	C	IV	Mostly effective	contractor	OHS Act, Hazardous Chemical,
Waste Disposal	Mixed waste	Environmental effects, Health problems	Health	Environmental effects, Health impact	Correct waste disposal classification, Safe on-site storage for all waste, collection of waste by a registered waste carrier, Disposal of the waste at a licensed waste disposal facility	3	C	IV	Mostly effective	contractor	OHS Act, Hazardous Chemical,
Disinfect SHE bins inside and outside	Bad odor from the bins	Employee can inhale the smelly if PPE not properly worn	Health	Health impacts	Gloves, dust mask, safety glasses and PPE to be used when opening the SHE bins	3	C	IV	Mostly effective	contractor	National Health Act
Collecting and disposal of SHE bins	Improper transporting and disposing of She bins	Non compliance to the waste management act	Health	Legal contravention	Making sure they comply with waste and recycling procedure and legislation	3	C	IV	Mostly effective	Client/ Contractor	National waste management act