

Occupational Health and Safety Baseline Risk Assessment - Ash Water Return Dam Pipeline no 2																									
Business/Operating Unit:		CAMDEN POWER STATION					Department:		Project Department							Next Review Date (every 2		8/01/2025		emplate Identifier:		240-70044602			
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Refer to Occupational Health and Safety Risk assessment Procedure 32-520																									
List activity		Activity type (Routine/non-routine)	Hazard #	Hazard Identification	Risk to	Associated risk	Risk type	Cause(s) of the risk	Exposed group/employees	Risk Owner	Exposure pattern	What are the possible consequences?	Existing Controls		Consequence	Risk Priority Rating	Additional Controls or Tasks Aimed at Improving Existing Controls	Monitoring Mechanisms	Control Owner	Legal and Other Requirements	Target Date	Current Status	Integrated Risk Management (IRM) reference number		
Let specific activities to be performed taking into consideration the exposure to be used, the personnel involved in the task.		Indicate R or N 1. Routine activities and situations where hazards through day-to-day operations and normal work activities. 2. Non-routine activities and situations are occasional or unplanned.	#	Anything with potential to cause a harm. Make a hazard cap your description and risk.	#	A chance that injury, ill health or damage could occur as a result of an identified hazard.	Safety or health	What causes the risk to come into effect?	Who is exposed to the hazard (e.g. visitors, members of the public, etc.)	Who is accountable for taking care the controls and parties are in effect, implemented, regularly reviewed for effectiveness.	The frequency and duration the personnel is exposed to the hazard e.g. Daily for 2 hrs.	Consider the worst case scenario without controls?	Include: <u>Qualitative Controls</u> Controls implemented to eliminate hazards or reduce the likelihood of the risk occurring, and <u>Residual Controls</u> Controls implemented to reduce the immediate impact of the risk occurring <u>Elimination</u> <u>Substitution</u> <u>Engineering controls</u> <u>Administrative controls</u> <u>Personal protective equipment (PPE)</u>		Consequence	Risk Priority Rating	RCE File Control Effectiveness <u>Engineering controls</u> <u>Personal protective equipment (PPE)</u> NB: The risk shall be evaluated, assessed and rated against any additional controls that have been implemented and those controls listed as existing controls.	How we know if we are successful, include: concerns on effectiveness. The way to know is through monitoring, inspections, supervisor where necessary.	Describe also the immediacy for implementing the agreed controls (if applicable)	Where relevant, list the relevant legislative and or Eskom requirements that prescribe the controls	Once a date has been agreed upon this can be changed (if applicable)	Pending, in Progress, Complete (if applicable)	Where applicable, add IRM system reference number for tracking of treatment plan. Applicable to risks that have an impact on business objective or require intervention from Senior or Executive management such as engineering major engineering projects (as a control)		
Driving of vehicles		Non-Routine	1	Over speeding of vehicles	1	MVA	Safety	Not paying attention, not familiar with the road, making use of cell phone, distractions, exposed to unsafe behaviours, congested roads, Pedestrians and live stock, Taxi and Truck on the road, Civil unrest, Negligent driving, Potholes and Weather conditions (rain, misting, etc.) Fatigue from working standby	Employees/Public	Project Manager	Daily	Injuries/Fatalities to driver and pedestrians or property damage	Staff driving vehicles to have national driver's license and Eskom driver's evaluation permit, vehicles in roadworthy condition, only authorised staff is permitted to use Eskom vehicles, Daily vehicle inspections, routine maintenance of vehicles, and obeying of all traffic laws, Adherence to the driving rules, Conduct travel route risk assessment, maintenance of station and Oak road, Create and communicate Road and vehicle safety awareness, Installation of Drive Cam.		1	C	1	Fully Effective	Adhere/maintain the existing controls	Vehicle inspections, audits, Drive Cam, inspect Okkulation and Incident Statistics.	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2003	Drive Cam installation -	In Progress	NA
		Non-Routine	2	Driving without safety belt buckled up	2	Severe injuries and fatalities when involved in an Accident	Safety	Not adhering to life saving rules	Employees	Project Manager	Daily	Lost Time Injury or severe injuries and fatalities	Awareness and Acknowledgement of Life Saving Rules through induction, Road and vehicle safety campaigns, Conducting VFLBSO, Conducting toolbox talks, Installation of Drive Cam.		1	C	1	Fully Effective	Adhere/maintain the existing controls, Consequence Management	VFLBSO analysis, Drive Cam.	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2003	Drive Cam installation -	In Progress	NA
		Non-Routine	3	Reversing a vehicle into a Parking lot	3	Property damage, Injuries, Collide with other vehicles.	Safety	Failure of drivers to observe while parking, impatience of other drivers while reversing, Time pressure, Destruction, Small parking design.	Employees	Project Manager	Daily	Property damage, Motor vehicle accident and injuries.	Conduct awareness on reverse parking induction training covers reverse parking		1	C	1	Mostly Effective	Adhere/maintain the existing controls, Consequence Management	Inspections,	Project Manager	Occupational Health and Safety, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) General Safety Regulations, 1988 General Administrative Regulations, 2003	Reverse parking signs - 30 April 2023	In Progress	NA
		Non-Routine	4	Driving during the night	4	MVA, Property damage, injuries and fatalities, Collide with other vehicles.	Safety	Not paying attention, not familiar with the road, making use of a cell phone, distractions, potholes, exposed to unsafe driving behaviours, congested roads, Pedestrians and stray animals, Taxis and Trucks on the road, Civil unrest, Negligent driving, Weather conditions(rain, misting, etc.) & hijacking, Fatigue from working standby	Employees	Project Manager	Daily	Injuries,Fatalities, Property damage and Trauma	Staff driving vehicles to have national driver's license and Eskom driver's evaluation permit, vehicles in roadworthy condition, only authorised staff is permitted to use Eskom vehicles, Daily vehicle inspections, routine maintenance of vehicles, and obeying of all traffic laws, Adherence to the driving rules, Conduct travel route risk assessment, maintenance of station and Oak road, Create and communicate Road and vehicle safety awareness, Installation of Drive Cam.		1	C	1	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Vehicle inspections, audits, Drive Cam, inspect Okkulation and Incident Statistics.	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2004	Drive Cam installation -	In Progress	NA
		Routine	5	Criminal activities	5	Hijacking	Safety	Driving at night	Senior Plant Operators	Project Manager	Daily	Injuries, Trauma.	Avoid activity at night, Request escort from security		3	B	3	Fully Effective	- 32-477 Safety Health and Environment Training and Development - 240-44175132 Eskom Personal Protective Equipment - 32-520 Occupational Health & Safety Incident Management Procedure	Incident Statistics	Project Manager	Occupational Health and Safety Act, 1993 Act No. 85 of 1993 240-43848327 Right to Refuse to Work in an unsafe condition procedure - 32-520 Occupational Health & Safety Risk Assessment Procedure - 32-477 Safety Health and Environment Training and Development - 32-285 Medical surveillance		In Progress	NA
		Non-Routine	6	Excessive Weather (rain.)	6	Flu and medical condition.	Safety/Health	Reduce visibility, make roads slippery	Employees	Project Manager	Weekly	Medical condition, slippery cause injuries	Awareness training conduct risk assessment		3	B	3	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspection, Audit	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) General Safety Regulations, 1988 General Administrative Regulations, 2003 40-15598034 CHS Opportunity Register	Ingoing	In Progress	NA
Office work		Non-Routine	7	Inadequate/ Excessive lighting	7	Straining and or irritation of the eyes	Health	Too many lights installed, Dirty light covers, Defective lights	Employees	Project Manager	Daily	Eye strains, Headaches	All staff to obey warning signs and be on the look out for slipping and tripping hazards. Use of warning signs when floors are wet, Toolbox talks, apply situational awareness.		2	B	2	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Illumination survey Monthly PM SAP QM	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2003 JANS-10114 of 2020 Part 1 and 3		In Progress	NA
		Non-Routine	8	Computer/laptop/desktop	8	Poor Ergonomics at workstations	Health	Bad posture/incorrect working position	Employees	Project Manager	Daily	work related upper limb disorders, repetitive strain syndrome, carpal tunnel syndrome.	Conducting ergonomics survey/risk assessment Medical surveillance Ergonomics awareness Changing of survey/risk assessment actions		2	B	2	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Illumination survey Monthly PM SAP QM	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act), Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) Environmental Regulations for Workplaces, 1987 General Safety Regulations, 1988 General Administrative Regulations, 2003		In Progress	NA
		Non-Routine	9	Floor	9	Slipping, Tripping and Falling	Safety	Wet floor, cable, loose carpet/tiles, uneven surface	Employees	Project Manager	Daily	First aid injuries or possible fractures	All staff to obey warning signs and be on the look out for slipping and tripping hazards. Use of warning signs when floors are wet, Toolbox talks, apply situational awareness.		2	B	2	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections VFLBSO SHE rep inspection xox	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003		In Progress	NA
		Non-Routine	10	Photocopying machine	10	paper cut	Safety	Not focussing while operating the machine, paper jams	Employees	Project Manager	Daily	hand injuries	Warning sign on machine, Toolbox talks, STAR principle		2	B	2	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections routine Service	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003 X21		In Progress	NA
		Non-Routine	11	Portable electrical equipment	11	Fire, Electrocution	Safety	Defective electrical equipment, Poor housekeeping	Employees	Project Manager	Daily	Injuries, fatalities and property damage	Fire detection in offices, earth leakage on electrical boards, Regular inspections of electrical equipment (PPE checks), SHE rep monthly inspections, Basic fire fighting training, Emergency drills.		4	B	4	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections Housekeeping, PM's, SHE rep monthly inspections, Basic fire fighting training, Emergency drills.	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2004		In Progress	NA

Consequences	8	II	II	I	I	I
	6	II	I	I	I	I
	4	II	II	II	II	I
	3	IV	II	II	II	I
	2	IV	IV	II	II	II
	1	IV	IV	II	III	II

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			
		7			

	Non-Routine	12	Hydrobot	12	Burns	Safety	Air trapped within Hydrobot causing hot water to splash on person. Not paying attention while using the hydrobot. Defective hydrobot.	Employees	Project Manager	Daily	Burns	PM's, Hydrobot has warning signs, Conduct awareness on usage of hydrobot.	4	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections Housekeeping, PM's, Gemba walk and BSG JFLBSO	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) General Safety Regulations, 1988 General Administrative Regulations, 2003 Machinery Regulations, 1990		In-Progress	NA
	Non-Routine	13	Heating ventilation and air-conditioning system (HVAC)	13	Discomfort and increased stress upon staff due to elevated temperature, CO2 level, respiratory problems.	Health	Poor serviced HVAC system	Employees	Project Manager	Daily	Illness & discomfort	PMS, Indoor air quality surveys	3	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections and surveys	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2004		In-Progress	NA
	Non-Routine	14	Manual Handling	14	Strains and sprains, Fractures, dislocations.	Safety	Improper lifting techniques	Employees	Project Manager	Daily	Injuries	Awareness Ergonomics assessment Correct tools for the activity Medical surveillance	4	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	JFLBSO, Ergonomics risk assessment	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003 M40-15598034 CHS Opportunity Register		In-Progress	NA
Interaction amongst employees	Routine	15	Bullying	15	Compromised self esteem causing depression and suicidal thoughts	Health	Lack of interpersonal skills and relationship with other employees, individual background and social issues.	Employees	Project Manager	Daily, 8hrs	Injuries, fatalities and Depression	Implementation of HR policies and procedures Awareness	4	3	II	Fully effective	Adhere/maintain the existing controls, Consequence Management	SAP Cases	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) M40-43848327 Right to Refuse to Work in an unsafe condition procedure I2-520 Occupational Health & Safety Risk Assessment Procedure I2-477 Safety Health and Environment Training and Development I2-385 Medical surveillance I2-95 Rev. 4 Environmental, Occupational health and Safety Incident Management Procedure		In-Progress	NA
		16	Drugs	16	Injuries and Mental health issues	Health	Peer pressure, Social factors	Employees	Project Manager	Daily, 8hrs	Injuries, fatalities and Depression	Self or Employer recommendations to visit Employee Assistant programme facilities always welcomed. HR policies and procedures Awareness	4	3	II	Fully effective	Adhere/maintain the existing controls, Consequence Management	SAP Cases	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) M40-43848327 Right to Refuse to Work in an unsafe condition procedure I2-520 Occupational Health & Safety Risk Assessment Procedure I2-477 Safety Health and Environment Training and Development I2-385 Medical surveillance I2-95 Rev. 4 Environmental, Occupational health and Safety Incident Management Procedure		In-Progress	NA
		17	Gender discrimination	17	Compromised self esteem, Fatalities	Health	Gender intolerance leading to suicidal thoughts	Employees	Project Manager	Daily, 8hrs	Fatalities Depression	Awareness on HR policies and procedures managing gender based discrimination.	4	3	II	Fully effective	Adhere/maintain the existing controls, Consequence Management	SAP Cases	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) M40-43848327 Right to Refuse to Work in an unsafe condition procedure I2-520 Occupational Health & Safety Risk Assessment Procedure I2-477 Safety Health and Environment Training and Development I2-385 Medical surveillance I2-95 Rev. 4 Environmental, Occupational health and Safety Incident Management Procedure		In-Progress	NA
		18	Unrest	18	Injuries and Property damage	Safety	Misunderstanding between employees and management	Employees	Project Manager	As and when they occur	Property Damage Injuries	Implementation of Emergency Preparedness Plan Liaison with Security Intelligence Local Police liaison with the organisation if there are road blocks around. Employees use alternative roads for access Activation of JPC	4	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	JPC Meetings JPC Meeting Contingency plan	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) M40-43848327 Right to Refuse to Work in an unsafe condition procedure I2-520 Occupational Health & Safety Risk Assessment Procedure I2-477 Safety Health and Environment Training and Development I2-385 Medical surveillance I2-95 Rev. 4 Environmental, Occupational health and Safety Incident Management Procedure		In-Progress	NA
Accessing the Ash dam plant AWRD	Routine	19	Cross over bridge /uneven road	19	foods slip/trip and fall	Safety	Failure to identify the risk Lack of concentration Not applying three point contact	Employees (Contractor employee)	Project Manager	Daily	Injuries	Task Specific risk assessment Inspection of work areas Awareness training Providing personal protective equipment (e.g. Slip-resistant footwear) Implementation of PMs	2	3	IV	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections PM's JFLBSO	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003 M40-15598034 CHS Opportunity Register		In-Progress	NA
	Routine	20	Inadequate/ Excessive lighting	20	Straining and/or irritation of the eyes	Health	Too many lights installed Dirty light covers Defective lights	Employees (Contractor employee)	Project Manager	Daily	Illness	Conducting illumination surveys Monthly PM's Medical surveillance Illumination awareness Closing of survey actions	2	3	IV	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Illumination survey Monthly PM SAP QM	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) Environmental Regulations for Workplaces, 1987	Ingoing	In-Progress	NA
	Routine	21	Heat	21	Burns Heat rash Dehydration Heat stroke	Health	Exposed to excessive heat	Employees	Project Manager	Weekly	Burns Heat rash Dehydration Heat stroke	Awareness training Conduct atmospheric testing Keep hydrated Heat stress survey	4	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspection, Audit	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) General Safety Regulations, 1988 General Administrative Regulations, 2003	Ingoing	In-Progress	NA
	Routine	22	Poor housekeeping	22	Slips, trips and fall	Safety	Failure to identify the risk Improper stacking and storage	Employees (Contractor employee)	Project Manager	Daily	Lost time injuries	Risk assessment is done before work commences. Weekly Gemba and Plant walkdowns	3	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections Supervision Audits	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003		In-Progress	NA
	Routine	23	PF dust	23	Respiratory issues, Skin irritation, eye irritation	Health	Pf ash Lack of training and knowledge Ineffective PPE Inadequate Risk assessment Inadequate communication	Esikom Employees	Project Manager	Weekly	Lung cancer Respiratory ailments	Employees are subjected to periodic medical testing by the Medical Health Practitioner. Plant is cleaned daily Maintain plant in a serviceable condition to reduce exposure Employees must be subjected to training and education (induction), which includes dust exposure and control measures. Employees must be provided with respiratory protection devices.	4	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections, audits	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) Regulation for Hazardous Chemical Substance 1985) Environmental Regulations for Workplaces 1987) General Safety Regulations, 1988 General Administrative Regulations, 2003	NA	In-Progress	NA
	Routine	24	Exposure to noise above 85dB	24	Noise induced hearing loss	Health	exposure to continuous noise above 85db for more than 8hrs	Employees	Project Manager	Weekly	Noise Induced Hearing Loss	Occupational hygiene surveys are conducted to determine noise exposure levels. Employees are subjected to audiometric testing by the Medical Health Practitioner. Employees are provided with hearing protection device. Noise awareness are conducted	4	3	II	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspection, Audit	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act) Noise-induced Hearing Loss Regulations, 2003 Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPID) General Safety Regulations, 1988 General Administrative Regulations, 2003 SANS 10063 of 2002	Ingoing	In-Progress	NA
	Routine	25	Vibration	25	Hand-arm and whole body vibration	Safety	- Lack of training and knowledge on vibration - Inadequate risk assessment	Employees (Contractor employee)	Project Manager	Daily	Hand-Arm Vibration Syndrome Vibration White Finger	- Train employees on the risk and impact including control measures of vibration - Power tools and cutting equipment are inspected and maintained in good working condition - Rotate employees to reduce exposure	2	3	IV	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspection Observation	Project Manager	Occupational Health and Safety Act (Act No. 85 of 1993) General Administrative Regulations, 2003		In-Progress	NA

Routine	26	Moving Machinery	26	Injuries Fatality Runover	Safety	Defective machine Poor visibility Lack of concentration	Employees	Project Manager	Weekly	Injuries Fatality Property damage Caught in between Struck by	Only authorized/competent persons are operating the machine Maintenance and service of the machine Emergency stop button Safety signage are displayed in the machine Implementation of lock out system	4	B	III	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Observations Supervision Inspections	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Compensation for Occupational Injuries and Diseases Act, 1993 (Act 130 of 1993) General Administrative Regulations, 2003 General Safety Regulations, 1988 240-15598034 OHS Opportunity Register	Ongoing	In-Progress	NA
Routine	27	Hydrogen gas	27	Fire / Explosion	Safety	- Exceeding concentration limits (Upper or Lower Flammable Limits) - Pure H2 flames invisible	Eskom Employees Contractor Employees	Project Manager	Daily	Fatalities Lost Time Injuries Medical Incidents Property Damage	- All required signage to be displayed - No naked fire / open flames near to the H2 plant - Electrical drawing to be displayed - Ensure employed are trained on Installation, Operation and Maintenance of HYSTA - Always wear all required PPE (goggles, safety shoes, gloves, etc.) as per the risk assessment	4	B	III	Fully Effective	Adhere/maintain the existing controls	Inspections Audits Supervision	Project Manager	- Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) - General Safety Regulations, 1988 - General Administrative Regulations, 2003 - 32-477 Safety Health and Environment Training and Development - 240-44175132 Eskom Personal Protective			
Routine	28	Radiant heat	28	Thermal burns	Safety	- Failure to identify the risk - Lack of concentration - Incorrect PPE - Accidental contact with hot surfaces	Eskom Employees Contractor Employees	Project Manager		Lost Time Injury Medical Incident First Aid Incident	- Awareness training to all employees on the hazards, risks and control measures during induction training - Display appropriate sun-signage - Wear appropriate PPE - Conduct atmospheric testing or hygiene surveys - Keep hydrated	3	B	III	Fully Effective	- 240 - 75587900 Manual for internal Quality Assurance Management of the Eskom Occupational Hygiene Approved Inspection Authority - 32-477 Safety Health and Environment Training and Development - 240-44175132 Eskom Personal	Surveys Inspection Audit	Project Manager	- Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) - Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPD) - General Safety Regulations, 1988 - General Administrative Regulations, 2003			
Routine	29	Rotating Machinery	29	Caught in between injuries, Fatality	Safety	Defective machine guarding for the rotating shafts Nip points Lack of training Loose clothing	Employees	Project Manager	Daily	Injuries Fatality Property damage	Only authorized/competent persons are operating the machine Rotating machinery is safeguarded and maintained at required intervals Wear correct PPE Employees are not allowed to wear loose clothing, handling jewellery near equipment and long hair must be tied back and secure Correct signage displayed	3	C	III	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Observations Supervision Inspections	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Compensation for Occupational Injuries and Diseases Act, 1993 (Act 130 of 1993) General Administrative Regulations, 2003 General Safety Regulations, 1988 240-15598034 OHS Opportunity Register	Ongoing	In-Progress	NA
Routine	30	Hazards from Nature (Bees, Snake, and poisonous plant ect)	30	Snake bites, Bee sting/allergic reaction leading to fatality)	Safety	Exposed to void area.	Senior Plant Operators, Shift Supervisors & Shift Managers	Project Manager	Daily	Medical Incident/health Issues	Job should be stopped immediately where hazards from nature are identified and report immediately. Do not consume any plant or animal or elcits. Awareness on your surroundings.	3	B	III	Fully Effective		Incident Statistics	Project Manager	Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) - General Safety Regulations, 1988 - General Administrative Regulations, 2008	NA	In-Progress	NA
Routine	31		31	Entrapment, Discomfort and increased stress and respiratory problems.	Safety	- Flammable substances and oxygen enrichment	Eskom Employees Contractor Employees	Project Manager	Weekly	- Fire - Explosion - Suffocation	- Adequate precautions to ensure that ignition does not occur must be taken. To prevent ignition by electrical sources (lighting, mobile phones and radio equipment as well as hand tools, etc.), specially protected electrical equipment, i.e., certified for use in explosive atmospheres, must be used. - Conduct a risk assessment - Use lock-out and tag-out systems to isolate machinery and electrical power - Post warning signs - Check all Personal Protective Equipment and Respiratory	4	B	III	Fully Effective	Adhere/maintain the existing controls	Surveys Inspection Audit	Project Manager	- Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) - Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COPD) - Environmental Regulations for Workplaces, 1987 - General Safety Regulations, 1988 - General Administrative Regulations, 2003 - Plant Safety Regulations - 32-503 Occupational Health & Safety Risk		In-Progress	
Routine	32		32	Contact with body	Health	Oil leakage Inadequate maintenance	Employees /Contractor employee	Project Manager	Daily	Eye, nose and throat irritation Dermatitis (inflammation)	Sawdust applied to absorb oil SDS for the oil is available and employees are trained on SDS - Risk assessment. PPE i.e. gloves, etc. to be checked for damage before use.	2	B	IV	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections Audits Supervision	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Regulation for Hazardous Chemical agent (2021) General Safety Regulations, 1988 General Administrative Regulations, 2004		In-Progress	NA
Routine	33	Wet surfaces	33	Slips, trips and fall	Safety	Failure to identify the risk Lack of concentration Water leaks	Employees /Contractor employee	Project Manager	Daily	Lost time injuries	Good housekeeping – work areas kept tidy, etc. Clean up spillages (including dry spills) immediately using suitable methods and leave the floor dry. Display a warning sign for wet floors. Suitable cleaning materials available. Good lighting in all areas. ANS slip/safety shoes provided	2	B	IV	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspection	Project Manager	- Occupational Health and Safety Act (Act No. 85 of 1993) - General Safety Regulations, 1988 - General Administrative Regulations, 2003		In-Progress	NA
Routine	34	Uneven surfaces	34	Slip, trips and fall	Safety	Failure to identify the risk Lack of concentration Poor housekeeping	Employees	Project Manager	Weekly	Injuries	Risk assessment Inspection of work areas on a regular basis as per the procedure Awareness training Providing personal protective equipment (e.g. Slip-resistant footwear)	2	B	IV	Fully Effective	Adhere/maintain the existing controls, Consequence Management	Inspections Audits Supervision VLABSO	Project Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1988 General Administrative Regulations, 2003		In-Progress	NA