Occupational Health and Safety Baseline risk assessment template

Business/Operating unit:	Supply and delivery of laboratory chemicals and consumables at Lethabo power station during a five (5) year period.		Next Review Date (every 2 years)		Template identifier:	240-70044602
Date:	02-Dec-20	Authorised by:	Tendani Mphiliwa Designation: Snr Advisor Date:27 November2020		Document identifier:	240-70044602
					Revision number:	A
					Revision date:	30-Apr-21

Refer to Occupational Health and Safety Risk assessment procedure: 32-620

List activity	*Activity type (Routine/Non-Routine)*	*Hazard/Identification*	*Associated risk*	*Risk type*	*Severity of the risk*	*Exposed people/employees*	*What are the possible consequences*	*Existing Controls*	*Consequence*	*Likelihood*	*Risk Rating*	*ICE Effectiveness*	*Additional Controls or Tasks Listed at Improving Existing Controls*	*Monitoring Mechanisms*	*Control Owner*	*Legal and Other Requirements*	*Target Date*	*Current Status*	*Integrated Risk Management (IRM) reference number*
List specific activities to be performed taking into consideration normal, abnormal and by the personnel involved in the task.	**Indicate if an it:** 1. Routine activities and operations carried out through day-to-day operations and activities. 2.non-routine activities are those that are occasional or unplanned.	Anything with potential to cause harm. **Note:** A hazard can pose more than one risk.	A chance that injury , ill health or damage could arise or a harmful environmental hazard.	Safety or health	What caused the risk to come into effect?	Who is exposed to the risk? Staff, visitors, members of the public, etc.	Describe the worst case scenario without controls?	Include: **Operational Controls** controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and **Standard Controls** controls implemented to reduce the immediate impact of the risk occurring). **Elimination** **Substitution** **Engineering controls** **Administrative controls** **Personal protective equipment (PPE)**	Can cause (1)=A	Likelihood	Risk Rating Ranking	Include: Operational Controls (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and Standard Controls (controls implemented to reduce the immediate impact of the risk occurring). **NB:** The risk shall be evaluated, assessed and rated again once	Over- or-Under- if we are succeeding, Include comments on how to improve. This may include a measurements, inspections, maintenance time necessary.	Person allocated the responsibility to monitor/control the applied controls. (1 applicable)	Where relevant, list the legislation, standard or Sasol requirements that prescribe the control.	Once a date has been given to risk, can add or change (2 applicable)	Pending, In Progress, Complete, if applicable	Where applicable, add ERM system reference number for tracking of treatment actions applicable to risks that have an impact
Browse	R	Animals on the road	Motor vehicle Accident	Safety	Animals on the road	Contractor & Members of the public	Fatality	Engineering Control:Adherence to vehicle maintenance schedule, Ensure vehicle Lights are fitted and Maintained, Training	S	C	B	Fully effective	No additional controls have been identified at this stage	Inspections	Managers	OHSAct 8 & 14, National Road Traffic Act			N/A
Browse	R	Bad road conditions	Motor vehicle Accident	Safety	Bad road conditions	Contractor & Members of the public	Fatality	Administration: Road Safety Training (travelling on state road and in time, Vision Zero)	S	C	B	Fully effective	No additional controls have been identified at this stage	Are aremess	Managers	OHSAct 8 & 14,National Road Traffic Act 93 of 1996			N/A
Browse	R	Speeding	Motor vehicle Accident	Safety	Speeding	Contractor & Members of the public	Fatality	Engineering: Vehicle made withfitness (Logbs recording) - on-board computer system control, communication Safety aid services, vehicle maintenance adherence to road signs. Training, risk assessment	S	C	B	Fully effective	No additional controls have been identified at this stage	Are aremess	Managers	OHSAct 8 & 14,National Road Traffic Act 93 of 1996			N/A
Browse	R	Road/dangerous roads	High jarding -Fatality	Safety	Road/dangerous roads	Contractor & Members of the public	Fatality	Engineering: Emergency parts kattos,Administrative: safety- awareness, travelling risk assessment,	S	C	B	Fully effective	No additional controls have been identified at this stage	Are aremess	Managers	OHSAct 8 & 14,National Road Traffic Act 93 of 1996			N/A
Browse	R	Road/dangerous roads	High jarding	Safety	Road/dangerous roads	Contractor & Members of the public	Fatal traumatic stress	Engineering: Emergency parts kattos,Administrative: safety- awareness, travelling risk assessment,	S	C	B	Fully effective	No additional controls have been identified at this stage	Are aremess	Managers	OHSAct 8 & 14,National Road Traffic Act 93 of 1996			N/A
Walking on site	R	Uneven road/floor surfaces	Trip and fall	Safety	Uneven road/floor surfaces	Contractor	Injury	Administrative: Being careful of your surrounding, Don't text and walk, Adherence to Warning Signs	4	C	4	Fully effective	No additional controls have been identified at this stage	Inspections	Managers	OHSAct 8 & 14			N/A
Walking on site	R	Slippery Oses & uneven surfaces	Slip and fall	Safety	Slippery Oses & uneven surfaces	Contractor	Injury	Administrative: Being careful of your surrounding, Don't text and walk, Adherence to Warning Signs	4	C	4	Fully effective	No additional controls have been identified at this stage	Inspections	Managers	OHSAct 8 & 14			N/A
Walking on site	R	Working under pressure/Hitting hoses	Psychological stress & Fatigue	Safety	Working under pressure/Hitting hoses	Contractor	Fatality	Administrative:Driver Competency Training on fatigue management and guard rail painting	S	C	B	Fully effective	No additional controls have been identified at this stage	Supervision	Managers	OHSAct 8 & 14,National Road Traffic Act 93 of 1996			N/A
Walking on site	R	Climbing stairs without handrail, Wear point contact	Falling - Injury	Safety	Climbing stairs without handrail, Wear point contact	Employees	Injury	Engineering: Installed handrails ,Administrative: Application of 3 point contact,or harness/ using fall arrest system	4	C	4	Fully effective	No additional controls have been identified at this stage	Observations	Managers	OHSAct 8 & 14,SHR 169 National Road Traffic Act 93 of 1996			N/A
Use of cellphones	R	Use of cell phone w hile driving	Accident - fatality	Safety	Use of cellphone w hile driving	Contractor & Members of the public	Fatality	Engineering: Installed Hands Free Device,Administrative: Stop the cars if the device is not working, Top Risk Awareness,Adherence to site Process	S	C	B	Fully effective	No additional controls have been identified at this stage	Observations	Managers	OHSAct 8 & 14Severe Life saving rule			N/A