Business/Operating unit:	Sere Wind Farm								Department:	Occupational Health as	nd Safety Baseline risk a	ssessment template							Next Review Date (every 2 years):		Template identifier:	240-70044602
Date: 28/05/202	25							Prepared by: Bongani Langa			Au	thorised by:	Name: Deon Van Designation: O&M			_		Document identifier Revision nur		identifier Revision number:	192/3905	
										Refer to Occupational He	alth and Safety Risk assessm	ent procedure 32-520			_						Revision date:	28-May-27
List activity	Activity type (Routine/Non-routine)	Hazard nr	Hazard Identification	Risk Nr	Associated risk	Risk type	Cause(s) of the risk	Exposed group/employees	Risk Owner	Exposure patterns	What are the possible consequences?	Existing Controls				Additional Controls or Tasks Almed 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 taken into consideration the equipment to be use the personnel involved in the task.	Indicate R or N 1. Routine activities and situations g operations and normal d. works activities 2. Non-routine activities and situations are occasional or unplanned;	*	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	What causes the risk to come into effect?	Who is exposed to the hazard i.e. visitors, members of the public, etc.	Who is accountable for making sure the controls and monitors are: - in place, - in place, - implemented, - regularly reviewed for effectiveness.	The frequency and duration the personlyroup is exposed to the hazard e.g Daily for 3 hrs.	Consider the worse case scenario without controls?	Indicate Controls Forestating Controls Administrative controls Forestating Controls Forestati	Consequence	Ulethood	RCE Risk Control Effectiveness	Preventative Controls (controls to demands are reduce the likelihood of the risk occurring), and Reactive Controls Reactive Controls Reactive Controls (controls implemented to reduce the immediate impact of the Elimination Substitution Explication controls Administrative controls Administrative controls NB: The risk shall be evaluated, assessed and rated again once additional controls have been implemented and those controls NB: The risk shall be evaluated.	How we know if we are succeeding, Include comments on effectiveness. This may include Lc. measurements, inspections, supervision where necessary.	Person allocated the responsibility for implementing the agreed controls (if applicable)	Eskom requirements that prescribe the control.	agreed to, this can not	Pending, In Progress, Complete (# applicable)	Where applicable, add IRM system reference number for tracking of treatment actions. (applicable to risks that have an impact on business objectives or require intervention from Senior or Executive management use as impe
		1.1	Access control (Person searching)	1.1	Possible Improvise Explosive Device, illegal items(firearms, explosives, sharp objects)	Safety	Attempted illegal item being brought to site	Workers, Visitors, Public	Security Manager	Daily	LTI/Medical	Access Control Procedure	4	С	Fully effective	Access control procedure/training	Safety Observation, Audit, Inspection	Security Manager	Fire arms control act 60 of 2000, National Road Traffic Act 93 of 1996,	30/05/2025	In Progress	N/A
Security Access					items(iteams, exprosives, staip objects)												inspecion		Occupational health ans of the Act 86 of 1000 Fire arms control act 60 of 2000, National Road			
	Routine	12	Access control (Vehicle searching)	12	Hazards when searching vehicles (contact with objects, fingers/hands caught between, head injury)	Safety	Accidental contact with vehicle elements (Doors, bonnet, boot, moving engine parts)	Workers, Visitors, Public	Security Manager	Daily	LTI/Medical, First aid incidents	Access control procedure, vehicle searching techniques	4	С	II Fully effective	Access control procedure/training	Safety Observation, Audit, Inspection	Security Manager	Traffic Act 93 of 1996, Occupational health ans safety Act 85 of 1993, Ohsa: Environmental regulation for workplace 1997, Ergonomics Regulation 2019, General Safety Regulation 1988	30/05/2025	In Progress	N/A
		1.3 L	Inauthorized entry	1.3	Theft, vandalism, injury	Safety	Lack of fencing, no access control	Workers, Visitors, Public	Security Manager	Daily	Property damage, theft, unauthorized access, injuries Vehicle breakdown	Security fencing, access control logs, on-site security personnel	4	В	Fully effective	None	Security inspections, incident reports	Security Supervisor	OHS Act Sec. 8, Construction Regulations - Occupational Health	30/05/2025	In Progress	N/A
Driving to the Station		2.1	Innoadworthy vehicles	2.1	Unroadwormy ventoles	Safety	Inadequate communication Lack of levisite per-traip inspection Lack of vielide pre-traip inspection Lack of vehicle maintenance Vehicles not replaced as per the request	Workers, Visitors, Public	Manager/ Supervisor	Daily	verticle breakdown	Pre-tip inspections to ensure that the vehicle is in good condition before ching. Regular relationships are the manufature's specification or when required.	1	D I	Fully effective	Weekly/ Monthly vehicle Inspections	Inspections , Audits	Security Supervisor	and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1986 General Administrative Regulations, 2003 National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	NA.
		2.2	and brake failure	2.2	Vehicle brakedown and brake fallure	Safety	- Lack of vehicle maintenance	Workers, Visitors, Public	Manager/ Supervisor	Duity	Fatalities Lost Time Injury Medical Incident Property damag	Vehicles to be maintained in a roadworthy condition as per the manufature's instruction.	4	С	II Fully effective	Weekly! Monthly vehicle Inspections	Maintenance, Inspection, Audits	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1986 General Administrative Regulations, 2003 National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	NA.
		2.3	/ehicle not meeting Eskom minimum vehicle pecification.	2.3	Vehicle not meeting Eskom minimum vehicle specification.	Safety	- Failure to ensure compliance to Eskom vehicle specification	Workers, Visitors, Public	Manager/ Supervisor	Whenever vehicles are purchased	Fatalities Lost Time Injury Medical Incident	 All vehicle must be fitted with airbags, ABS, power steering, fitted with seathelts, etc. Vehicles must be provided with first aid kit, 2 x warning triangle and fire extinguisher 	4	В	III Fully effective	Weekly/ Monthly vehicle Inspections	Inspections, Audits	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	NA NA
		2.4	acessive traveling	2.4	Excessive traveling	Safety	Not taking rest period when required Perlonged driving (long distance driving); Traffic congestion - psychological stress due to fatigue	Workers, Visitors, Public	Manager/ Supervisor	Daty	Fatalities Lost Time Injury Properly damage Fatigue	- Employees to do road I trip planning and risk assessment prior to embasking on a trip. - Employees are should take a resting period based at their own discretion with travelling I drinky to bate. - Employees should buy some refreshment while drinking to sites when feeling falgo. - Employees vehicles must be maintained in good working operations. The maintainance of the wholes includes that of the acids and suspensions. Adequate and regular maintainance of the vehicles will route occupant to a thin maintainance of the vehicles will route occupant to a thind maintainance of the vehicles will route occupant to shall be maintainance of the vehicles will route occupant to their maintainance of the vehicles will route occupant to shall be a supported to the control of the second of the seco	4	В	II Fully effective	Weekly! Monthly vehicle Inspections	Monitoring Inspection	Security Supervisor	- Uccupational reason and Safety Act, 1993 (Act No. 85 of 1993)	30/05/2025	In Progress	NA.
		2.5	Collision with an object while reversing	2.5	Collision with an object while reversing	Safety	Poor observation and judgement Lack of concentration	Workers, Visitors, Public	Manager/ Supervisor	Daily	Property damage	body vibration to a larger extent. Caution should be taken when reversing and if backround view is obstructed a passenger should be utilised to give guidance.	1	В	V Fully effective	Weekly/ Monthly vehicle Inspections	Observation	Security Supervisor	- Occupational Health and Safety Act, 1993	30/05/2025	In Progress	NA NA
	Routine	2.6	Oriver error due to substance abuse	2.6	Driver error due to substance abuse	Health	- Failure to adhere to road safety and Eskom rules	Workers, Visitors, Public	Manager/ Supervisor	Daily	Lost Time Injury Medical Incident Property damag	Drivers not to drive vehicle when under the influence of any e intoxicating substances.	4	С	II Fully effective	Weekly/ Monthly vehicle Inspections	Alcohol Testing Observation	Security Supervisor	(Act No. 85 of 1993) - Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) - National Road Traffic	30/05/2025	In Progress	NA NA
		2.7	ion-adherence to road safety rules	2.7	Non-adherence to road safety rules	Safety	Negligence and reckless Overtaking unsafely - Talking on cellphone while driving - Impatience and road rage - Driving at excessive speed Third party error	Workers, Visitors, Public	Manager/ Supervisor	Daily	Lost Time Injury Medical Incident Property damag	Monitor and analyse driver behaviour on MIX Telematics System and encourage good driving - Promote vehicle driver safety during statutory safety meetings // departmental meetings	4	В	E Fully effective	Weekly/ Monthly vehicle Inspections	Monitoring, Observation	Security Supervisor	Act, 1996 (Act No. 93 of 1996) - Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) - National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	NA NA
		2.8	Priver inexperience	2.8	Driver inexperience	Safety	Lack of driver training Lack of driver license and driver permit Inadequate Risk assessment	Workers, Visitors, Public	Manager/ Supervisor	Daily	Fatalities Lost Time Injury Medical Incident Property damag	 All drivers must be in possession of valid driver's licence. Drivers must undergo advance driver training and driver evaluation before issued with Eskom driver permit or authorised to drive for Eskom business. 	4	В	Fully effective	Weekly/ Monthly vehicle Inspections	Inspection, Audit	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) National Road Traffic Act, 1996 (Act No. 93 of	30/05/2025	In Progress	NA NA
		2.9	fealth Condition	2.9	Health Condition	Health	- Inadequate medical surveillance	Workers, Visitors, Public	Manager/ Supervisor	Daily		All drivers before allowed to drive for Eskom business must do driver risk assessment, medical surveillance and be in possession of valid driver licence. Drivers are enougraged to inform their Managers/ Supervisors of any health conditions that render them unfit to drive.	4	В	Fully effective	Weekly/ Monthly vehicle Inspections	Inspection , Audit	Security Supervisor	1996) - Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) - National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	NA NA
		2.10	Poor visibility due to rain, mists, etc	2.10	Poor visibility due to rain, mists, etc	Safety	- Inadequate planning - Lack of driver experience	Workers, Visitors, Public	Manager/ Supervisor	Depending on season or weather condition	Fatalities Lost Time Injury Medical Incident Property damage	Drivens to do risk assessment at they drive and adjust speed as per the environmental condition. Drivens to be causious when driving in an adverse weather condition and plan the routes properly.	4	В	Fully effective	Weekly/ Monthly vehicle Inspections	Observation Monitoring	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) National Road Traffic Act, 1996 (Act No. 93 of	30/05/2025	In Progress	NA.
		2.11	Wild life interaction i.e. stray animals, etc	2.11	Wild life interaction i.e. stray animals, etc	Safety	Inadequate Risk assessment Driving very early in the morning or at night	Workers, Visitors, Public	Manager/ Supervisor	Daily	Medical Incident Property damag	Be on a look out of stray / wild animals and adjust speed where necessary as per the road warning signs.	4	С	II Mostly effective	Weekly/ Monthly vehicle Inspections	Observation	Security Supervisor	1996) - Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)	30/05/2025	In Progress	NA NA
		2.12	Poor road condition	2.12			Inadequate Risk assessment Uneven, damaged and gravel road conditions and bad terrain Poor vehicle maintenance which might lead to whole body vibrating when driving on gravel road	Workers, Visitors, Public	Manager/ Supervisor	Daily		Caution should be taken when driving is in an uneven, edmanged and gravel road conditions or an alternative route should be taken. Reduce speed as per road condition. Reduce speed as per road condition. Adhere to prescribed speed limit and road warning signs. Adhere to prescribed speed limit and road warning signs. Adequate and regular maintenance of the vehicles to reduce esposure to whitele body vibration to a larger selection.	4	С	II Mostly effective	e Weekly/ Monthly vehicle Inspections	Observation	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	NA NA
General Work		3.1	Ergonomics	3.1	Ergonomics stress, caused by repetitive strain	Health	Non-compliance to procedures Inadequate training / experience Work posture due to prolonged crouching position Awkward body postures	Contractor Employees	Manager/ Supervisor	Daily	Work related Musculo-skeletal disorder: Overuse or overexertion injuries, osteo-arthritis, degenerative joint disease, and repetitive strain injuries Back injuries	exposure to whole body vibration to a larger extent. Task rotation, Mechanical Rotation	2	В	N Mostly effective	Medical surveillance	Surveys Inspection Audit	Security Supervisor	Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993 (COID)	30/05/2025	In Progress	NA NA
		3.1 F	Poor physical layout or housekeeping	3.2	Entrapment		- Inadequate Inspection - Blocked or improperly planned means of egests - Employees become trapped due to improper egests during an energency - Badequate Inspection - Badequate Inspec	Contractor Employees	Manager/ Supervisor	Daily	Lost Time Injury Medical Incident First Ald Incident	Rearrange traffic nodes which he work are to revoke traffic. All set all coses must with requirement. - Employees must be asser of cetta and transed in procedures for encustion. - Reporting of safety hazards which must be followed by sulf translations response manufactures response and desergency exit, should be free of obstructions.	2	В	N Mostly effective	SHE representative inspections	Inspection Audit	Security Supervisor	- Emironmental - Occupational Health and Safety Act, Act 85 of 1993 (OHS Act) - Compensation for Occupational liquiries and Diseases Act, Act 130 of 1993 (COID) - Emironmental Regulations for Workplaces, 1997 - General Safety Regulations, 1996	30/05/2025	In Progress	NA NA
	N	3.3	handing handing	3.3	Replitive strain, back injuries		- Lack of training / experience - Incorrect limple rechniques - Inadequalle supervision - Limbig news, use official to grasp or - Limbig news, use official to grasp or - Tasks to stremuous or involving assistant - Working environment tasking sufficient spaces Working environment tasking sufficient spaces - Lack of concentration - Inadequate Risk assessment	Contractor Employees	Manager/ Supervisor	Duly	Musucleakeital disorders: Sprains, strains, and influenced joints.	An effective control program incorporating employee assumemess and retiging and engonomic design of work tasks can educe back injuries. Oliganizing means that place tasks in a safe way, with backs Cognizing the place of the safe way. With backs Cognizing means and program step proteins provided in the safe of the sa	3	С	II Mostly effective	Awareness training, safety talks	Risk Assessment	Security Supervisor	- Conceptional Health and Safety Act 1986 (Act No. 86 of 1993) (Act No.	30/05/2025	In Progress	NA

		3.4	Improper Lifting	3.4	Repititive strain, back injuries	Safety	- Lifting heavy, large, difficult to grasp or unstable load - Tasks too sternous or involving awkward postures or movements - Working environment lacking sufficient space, having sizepper, uneven or unstable surfaces - Lack of concentration - Lack of soncentration - Indeed page 1.	Contractor Employees	Manager/ Supervisor	Daily	pain; Neck and upper limb disorders and Lower limb disorders	Organizing manual handling stask in a safe way, with loads agile this mailler ones, and proper set gloods provided. Providing information and training to workers on tasks, and the Like of equipment and correct handling techniques.	4 C		Mostly effecti	e Awareness training, safety talks	Inspections Audits Supervision	Security Supervisor	Occupational Health and Safety Act (Act No. 85 of 1993) General Safety Regulations, 1986 General Administrative Regulations, 2003	30/05/2025	In Progress	NA.
		3.5	Emergency Preparedness	3.5		Safety	No clear muster points, missing emergency signage	Contractor Employees	Manager/ Supervisor	Daily	Delayed response, escalation of incidents	Emergency muster points, emergency drills	4 C		Fully effective	n None	Emergency response testing, incident drills	Plant Manager	OHS Act, Fire Safety Regulations	30/05/2025	In Progress	NA
		3.6	Trenching & Earthworks	3.6	Trench collapse	Safety	Unstable soil, lack of proper shoring	Contractor Employees	Manager/ Supervisor	Daily	Buried alive, injuries	Shoring, excavation permits, PPE compliance	5 C		Fully effective	None	Supervisory inspections, geotechnical assessments	Site Engineer	OHS Act, Construction Regulations	30/05/2025	In Progress	NA
		3.7		3.7			Poor operator training, blind spots, site congestion	Contractor Employees	Manager/ Supervisor	Daily	Crushing injuries, collisions	Certified operators, pedestrian exclusion zones, spotters	4 B		Fully effective	n None	Daily equipment inspections, operator assessments	Construction manager/ Superviser	OHS Act, Machinery Safety Regulations	30/05/2025	In Progress	NA
Plant Walkabout		4.1	Climbing the stairways	4.1	Slip, trips and fall	Safety	Failure to identify the risk Lack of concentration Not applying three point contact	Contractor Employees	Plant manager	Daily	Lost Time Injury Medical Incident First Aid Incident	- Ensure that continuous risk assessment is done during dimbing Inspection of work areas on a regular basis as per the procedure and implement control measures - Employees are trained on slip, trips and fall risks and control measures Providing personal protective equipment (e.g. slip-resistant footbase)	4 B		Fully effective	Awareness training, safety talks	Inspections Audits Supervision	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1986 General Administrative Regulations, 2003	30/05/2025	In Progress	NA
		4.2	Uneven surfaces	4.2	Slip, trips and fall	Safety	Failure to identify the risik Lack of concentration Uneven work surface	Contractor Employees	Plant manager	Daily	Lost Time Injury Medical incident First Aid Incident	Ensure that continuous risk assessment is done during dimbing. - Inspection of work areas on a regular basis as per the procedure and implement control measures - Employees are trained on slip, tips and fall risks and control measures. - Providing personal protective equipment (e.g. slip-resistant factors)	4 B		Fully effective	Awareness training, safety talks	Inspections Audits Supervision	Security Supervisor	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations, 1986 General Administrative Regulations, 2003	30/05/2025	In Progress	NA
	N	43	Vehicle movement/ Diesel Trucks	43	Caught / crushed between moving equipment / vehicle	Safety	hadequate site planning Non-compliance to precedure s hadequate of signage hadequate of signage hadequate of signage haded signarised hadequate size of signage hadequate guarding hadequate access control	Contractor Employees	Manager/ Supervisor	Daily	Injury Medical Incident	- Ensure that all moving equipment / wholes are inspected as required by a completed presons before use and records of texpections are legal in the file. - If it moving equipment / wholes to be operated by frained / / - All others to adhere to read safety rates and life saring rates at all times. - All others to adhere to read safety rates and life saring rates at all times. - Communication of the communication of all employees conducted before any work commonics and risks, hazards and control measures to be communicated to all employees. Ensure that employees are medically fit to work.	4 C		Mostly effecti	re Adhere to life saving rules	Supervision Inspection SMAT Observation	Security Supervisor	- Occupational Health and Safety Act. 1993 (Act No. 85 of 1998) (Act No. 85 of 1998) - National Root Occupational Injuries and Transport Act, 2008 (Act No. 95 of 2009) - Compensation for Cocupational Injuries and Diseases Act, 1993 (Act 1930 of 1993) - General Administrative Expenses Act (Act No. 1993 (Act 1994) - General Administrative Regulations, 1996	30/05/2025	in Progress	NA.
		4.4	Cvd unrest/Community unrest/Industrial strike	4.4	Vedance, injuries and damage to property	Safety	Conformation with criminals Revold or driftes by employees during salary negoliations	Contractor Employees	Plant månager	Quarterly	Lost time injuries Medical Incident	Soit access central Address in selections by Senior Management - Andress in selections by Senior Management - Andress in security personnel with PPE (bulletproof vests are mandatory). - Relevant equipment is available for use, two way radios for communication. - Badrup by SAPS is available. EP action plans are in place. - Beginning provisions are on site 24 hrs. - Prychometric testing	3 C		Mostly effecti	ve None	Inspection Audit	Security Supervisor	National Key Point Act 102 of 1980 Firearms and Ammunition Act No. 60 of 2000 PSIRA Act No 56 of 2001	30/05/2025	in Progress	NA.
		4.5	Extreme weather condition	4.5	Exposure to thermal affres (heat or cold) depending on season	Health	Ultra-violet radiation from the sun Indement Vielent Conditions (extremely cold // hot conditions)	Contractor Employees	Manageri Supervisor	Daily	Hypothermia	Christing bid of fluids to present deshydration. *Work-cell Regime Employees are should take a resting period or slop an activity when there are swamings of extense essables constitution. and the should be a subjected to Stating and education (induction), which includes have apposed to sharing and education (induction), which includes have apposed to sharing and education (induction), which includes have apposed to the sharing and education (induction), which includes have apposed to the sharing and education (induction), which includes have apposed to the condition particular hot environment. **Alkharid verisitation with performed outdoors under adequate natural verisitation condition. The effectiveness of the verification condition in mainly determined by wealther. **Weating of correct PPE safely shose, had halts, safely oversals / long pants and warm clothing (jackets)		_	Fully effective	 Awareness training, safety talks 	MQ Surveys Inspection Audit	Security Supervisor	Occupational Health and Safety Act, Act 85 of 1993 (CHS Act) 1993 (CHS Act) Compensation for Occupational Injuries and Diseases Act, Act 130 of 1995 (COID) - Environmental Regulations for 987 - Convert Safety Regulations, 1996 - General Administrative Regulations, 2003	30/05/2025	in Progress	NA
Daily Work Activities	N	5	Psychosocial factors	5	Suicide, Stress, Depression , Bullying, Harrassment	Health	Divorce, Work Pressure, Personal Problems, Fanancial Issues, Loss of loved one	Contractor Employees	Manager/ Supervisor	Daily	Medical, Poor work perforance	Eskom Assistant Program	3 B		Mostly effecti	Training and awareness, employee engagement	Incident Analysis	Construction manager/ Superviser	ISO 45001	30/05/2025	On-going	N/A
General site surroundings	N		Animal/Insect bites or stings		Risk of snake bite, bee sting, scorpion stings	Safety	Minor/Serious Injury/Death	Contractor Employees	Manager/ Supervisor	Daily	First aid, Medical	Safety awareness/Bee swarm management	3 B	-	Fully effective	a Safely awareness, enriromental management	Safety Observation, Audit, Inspection	Plant Manager	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) National Road Traffic Act, 1996 (Act No. 93 of 1996)	30/05/2025	In Progress	N/A
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