⊕ Eskom			skom	TITLE:	LE DICK DECISTED CHEET Revision: 1						ları	n		Å		Zero Harm									
				Associated Documents: KCA-057									CY MANAGEMENT (Meteo	-		Be aware. Take care.									
EMERGENCY MANAGEMENT (Meteorological Program); Rev1														\dashv											
Department	droug	Mnumber	Activity i Producti Sentoo i Prose Systom	Props is fine Ches devision of products by years	Environmental Aspect Identified Hazard den eifed	Environtal Impactions flood R	Risk Catogory	Initial Frequency	Initial Probability	Initial Seventry	Initial Risk Value	Initial Risk Classification	Michigan Control in man				Lagal and Other Requirements	Frequency	Probability	Final Risk Value	Final Risk Classification	Completed By:	Reviewed By:	Authorized By:	Date
												Although captured in the miligations by TOOLS, i.e. situational awareness, s. kseping, questioning attitude, effective OTHER CONTROLS, i.e. monitoring	Applicable Legal & other requirements & applicable sections (Eg: National Environmental Management												
													Elimination/Substitution (i.e. performing work at ground level instead of working at heights, replacing a hazardous chemical substance with a lees hazardous chemical substance etc.)	OPERATIONAL COM Engineering Controls (i.e. machine guarding, bundwalls, physical barriers, frencing, drip trays, leak tight tanks, sumps etc.)	Administrative Controls (i.e. monitoring and measurement, procedures, training, safety signage, worker rotation, observations, inspections, SHE Talks etc.)	Personal Protective Equipment (i.e. gloves, safety boots, hard hat, coverali, hearing protection, safety harness, safety glasses/goggles, breathing apparatus, respirators etc.)	Cirvocinsteal Management Wasts Act no. 59 of 2008, Section 19; National water act, Section X, National Environmental Management Act, Section Y, Occupational Health and Salety Act No. 50 of 1933 section 5 General duties of employees to their employees)								
Nuclear Services	Emergency Mana gerne nt	Act 001	Work on elavated heights	Ascending, descending ladders & working ie. Weather stations' 120m & 50m towers	Wet conditions, high wind speeds can cause slipping and falling	Injury, fatality	р	1,5	0,5	45	6,5	Mediu n Risk		Critical task procedure - climbing at heights - fall protection plan	heights training at heights training, installation of a ladder at top of 50m tower, critical task training, critical task observations and fall	medically fit, climbing at heights training, installation of a ladder at top of 55m tower, critical task training, critical task observations and fall protection. SHE talk, SHE induction and awareness, use of footest, correct workstellow issue.	OHS Act Section 5, GSR (13 A&E)	1.5	-0,5 2,0	1,5	Very Low Risk				
Nuclear Services	-		Office activities	Ergonomics when working on PC's, sitting position, use of mouse and keyboard	Poor ergonomics at workstations	Work related upper limb disorders, repetitive strain syndrome, Carpal tunnel syndrome.	Р	3,0	0,5	3,0	45	Mediu n Risk		Computer, monitor, mouse desk and chair	heights training, installation of a ladder at top of 50m tower, critical task training, critical task observations and fall observations and fall observations and fall observations and awareness, use of footrest, correct workstation layout, ergonomically designed chair, ergonomic	SHE talk, SHE induction and awareness, use of footrest, correct workstation layout, ergonomically designed chair, ergonomic assessment of workstations	OHSA R1910 r1	3,0	-0,5 2,6	4,5	Low Risk				
Nuclear Services	Emergency Management	Act 002	Office activities	Sitting on swivel chair	Reclining bolt breaking causing chair to topple over backwards	Injury	Р	3,0	0,5	3,0	6,5	Mediu n Risk		Swivel chair	Se careful when sitting	Be careful when sitting	OHSA R1010 r1	3,0	0,0 1,0	4,0	Low Risk				
Nuclear Services	Emergency Management	Act 002	Office Activities	Stapling	Stapling finger	Injury	P	2,0	0,5	1,0	3,5	Low Risk		Stapler	correct useage of stapler	correct useage of stapler	General Machinery Regulations R1521 r4	2,0	-0,5 1,0	2,5	Very Low Risk				
Nuclear Services	Ernergency Managemont	Act 602	Office Activities	Handling paper	Paper cuts	Injury	Р	3,0	0,5	1,0	4.5	Low Risk		Paper	aware of your hands	aware of your hands	General Machinery Regulations R1521 r4	3,0	-0,5 1,0	3,5	Low Risk				
Nuclear Services	Emergency Management	Act 002	Office Activities	Usage of toaster and sandwich press	Touching hot surfaces	Injury, burns	Р	3,0	0,5	3,0	6,5	Mediu n Risk		Toaster & Sandwich Press	Handle with care	Mandle with care	SANS IEC 60335	3,0	-0,5 1,0	3,5	Low Risk				
Nacion 6	Emergen	Act 00	2 Office Activities	Usage of kettle	Spilling hot water, physical contact with kettle	Injury, burns	Р	3,0	0,5	3,0	6,5	dum R	lak	Kettie	Keep hands out of the wa	Keep hands out of the way	SANS IEC 60335	3,0	-0,5 1)	0 3,5	Low Ri	tak			
Nuclear Services	En ergency Management	Act 002	Office Activities	Working on Electrical Equipment	Shock	Injury, burns	P	2,0	1,0	2,0	5,0	Mediu n Risk		Electrical equipment specific	Equipment training	Equipment training	OHSA Electrical Machinery Regulations R1593 r9(3)	2,0	-1,0 2,0	3,0	Low Risk				
Nuclear Services	Emergency Management	Act 002	Office activities	Showering	Sliping and falling	Injury	P	2,0	0,5	3,0	5,5	Mediu n Risk		Shower	Installation of a non slip mat	Installation of a non alip mat	General Safety Regulations R1031 r2	2,0	-0,5 1,0	2,5	Very Low Risk				
Nuclear Services	- 2	Act 002	Office activities	Operating the Rexel SmartCut A400 cutting machine	Cutting a finger	Injury	P	2,0	-0,5	1,0	2,5	Very Low Risk		Rexel Smartcut A400	Be careful when hadling the machine	Be careful when hadling the machine	General Machinery Regulations R1521 r4	2,0	-1,0 0,0	1,0	Very Low Risk				
Nacione Services		Act 602	Office activities	Lack of/bad Ventilation	Breathing & heat stress problems	First Aid	Р	0,5	0,5	1,0	2,0	Very Low Risk		Air conditioners and windows	Train in use of Air conditioner open the windows	Train in use of Air conditioner open the windows	GN2387 National Building regulations and Building Standards Act 103 of 1997 Part O	0.0	-1,0 0,0	-1,0	Doubt ul Risi				
Nuclear Services	- 2		Office activities	Using household chemicals	Exposure and consumation	liness and vomitting	P	3,0	0,5	1,0	45	Low Risk		household chemicals	Store in a marked cupboard	Store in a marked cupboard	OHSA Nazaedous Chemical Substances Regulation R1179	3,0	-0,5 0,0	2,5	Very Low Risk				
Nuclear Services	En ergency Management	Act 602	Office activities	Working in vicinity of a bees nest	bees stings	Illness, Injury possible fatality	P	0,5	0,5	3,0	40	Low Risk		Sees nest	Awareness of location of nest, limit activity around nest, obtain anti hystamin tablets	Awareness of location of rest, limit activity around rest, obtain anti hystamin tablets	(AGPA): AGRICULTURAL PESTS ACT NO. 36 OF 1983	0,5	-0,5 2,5	2,0	Very Low Risk				
Nuclear Services	Emergency Management	Act 602	Office activities	Possibility of injury while moving around the office	bumping into office infrastructure	First Aid	P	0,5	0,5	1,0	2,0	Very Low Risk		Office infrastucture	Mark suspect items	Mark suspect items	General Safety Regulations R1031 r2	0,5	0,0 0,0	0,5	Doubt ul Risi				
Nuclear Services	Emergency Managemer	Act 002	Office activities	Working in Weather Station	120m met mast falling on Weather Station	Injury possible fatality	P	3,0	-0,5	6,0	8,5	High Risk		120m Met Mast	Evacuate Building when the average wind speed a any level exceeds 44km/h or 12m/s	Evecuste Building when the average wind speed at any level exceeds 44km/hr or 12m/s	Koeberg Engineering letter CE 18387	2,0	-1,0 5,0	6,0	Media m Risi	<u>.</u>			
Nuclear Services	2 €	Act 603	Working in the Met Hut	Cleaning and sweeping	Exposure and consumation	liness and long term cancer	Р	1,0	0,5	3,0	4,5	Low Risk		Weather Station	Work in well ventilated areas only	Work in well ventilated areas	General Safety Regulations R1031 r3	1,0	-0,5 0,0	0,5	Doubt ul Risi				
Nuclear Services			Fire in office area	Possibility of a fire in the office area causing harm to personnel	Heat and smoke	Injury, Illness, Fatality, smoke inhalation	P	0,5	0,5	5,0	6,0	Mediu n Risk		Weather Station, fire extinguishers, evacuation plan	muster and evacuation exercises, fire detection is offices, sudible fire alarms and blaskens on electrics Fire extinguisher training	muster and evacuation exercises, fire detection in offices, audible fire slarms, and haskens on electrical. Fire extinguisher training.	Environmental Regulations for Work Places GN R2281 r9	5,0	-1,0 2,5	6,0		_		Ш	_
Nuclear Services	_	Act 004	Fire in office area	Possibility of a fire in the office area causing damage to equipment	Damage to property	Equipment damage	^	0,5			5,0	Mediu n Risk		Weather Station, fire extingulations, evacuation plan	muster and evacuation exercises, fire detection is offices, audible fire alarms and supporter from the conservation yeld fire	muster and evacuation exercises, fire detection in offices, audible fire atoms, replie response conservation yeld fire team with fire	Environmental Regulations for Work Places GN R2281 r9	0.5	-1,0 2,5		Risk		\vdash	\sqcup	4
Nuclear Services	Erner gent Van ag erne	Act 005	Fire in yeld area around office	Possibility of a fire in the veld area causing damage to building & equipment	Damage to property	Equipment damage	A	0,5	0,5	4.0	5,0	Mediu n Risk		Weather Station, fire extinguishers, evacuation plan	team with fire specific equipment and vehicles, irrigation sprinklers aroun	Fire actinguisher training transfer and executation caretimes. Fire fines claim in offices, auditor fire airms, and holdens on adelected. Fire extinguisher training master and executation exercises, fee desiction in caretimes, fee desiction in caretimes, fee desiction in caretimes. Fee desiction in caretimes, fee desiction offices, auditor fire airms, registration of the airms, registration of the caretimes with fee airms mixed with feet airms and with a feet airms and with a feet airms and with a feet airms and with a feet airms	National Veld and Forest Fire Act 101 of 1998 (Section 13)	0.5	-0,5 2,0	1,5	Very Low Risk	_	\perp	\sqcup	\perp
Nuclear Services	Emergency Management	Act 005	Fire in veld area around office	Possibility of a fire in the veld causing harm to personnel	Heat and smoke	Injury, fatality	Р	0,5	0,5	5,0	6,0	Mediu n Risk		Weather Station, fire extingulahers, evacuation plan	Rapid response Conservation veld fire team with five specific equipment and vehicles, irrigation sprinklers aroun buildings, cleared of vegetation around buildings, Koeberg fire an rescue flighting teams. Environmental years	February Country of the Country of the Country of the Search of the Search of the Country of the	National Veld and Forest Fire Act 101 of 1998 (Section 13)	0,5	4,5 3,6	3,0	Low Risk				
Nuclear Services	u S		Disposal of office waste (Paper, plastic, batteries, printer cartridges etc)	Ensuring that all office waste generated is properly disposed of	Pollution to environment	Environmental impact		2,5	1,0	1,0	45	Low Risk		KAE 012	awareness, separate and designated bins for generated waste, bins cleaned out daily by	environmental waste awareness, separate and designated bins for generated waste, bins cleaned out daily by cleaning staff. Training of staff and	National Environmental Waste Act 50 of 2008: Part 5	2.5	-1,0 0,0	-1,0	Doubt ul Risi				
Nuclear Services	Emergency Management	Act 007	Using of instrumentation	Performing surveys and monitoring, Functional testing of equipment after calibration.	Damaging instrumentation	Equipment damage		2,5	0,5	1,0	4.0	Low Risk		Instrumentation	awareness of usage of instruments. Use of straps on instruments to preven dropping them. Use instruments in nontaction	awareness of usage of instruments. Use of straps on instruments to prevent dropping them. Use instruments in protective	General Machinery Regulations R1521 r4	2.5	0,0 1,0	1,0	Very Low Risk				

Nuclear Services	Emergency	Act 008	First Aid	Treating wounds	Needlestick injury	Injury, illness (HIV)	Р	1,0	0,5	4,0		Mediu n Risk	First Aid procedure Koeberg specific.	First Aid training, glove usage, sharp containers, HIV PEP	First Aid training, glove usage, sharp containers, HIV PEP	General Safety Regulations R1031 r3	1,0	-0,5	2,0	2,5	Very Low Rink	
Nuclear Services	oy Management	Act 009	Workshop Activities	Light Soldering	Burns	Injury	Р	1,5	0,0	2,0	3,5	Low Risk	Soldering Iron	Training of staff, signage.	Training of staff, signage.	Concerd Eafety Regulations R1001 rd	1.5	0,0	2,0	2,0	Very Low Risk	
Nacion	Emergency	Act 009	Workshop Activities	Lifting garage door	Jamb fingers and bang head	Injury	Р	2,5	0,0	2,0	4,5	Low Risk	Garage door	Be aware of position of door at all times.	Se aware of position of door at all times.	General Machinery Regulations R1521 r4	2.5	-0,5	2,0	1,5	Very Low Risk	
Nuclear Services	En erge noy	Act 009	Workshop Activities	Drilling	Flying debris, slipping	Injury	Р	1,0	0,0	2,0	3,0	Low Risk	Workshop	gloves and safety glasses to be worn.	gloves and safety glasses to be worn.	OHSA Electrical Machinery Regulations R1593 r9(1)	1,0	-1,0	0,0	0,0	Doubtf il Risk	
Nuclear Services	Brio rgo ney	Act 010	Offsite Activities	Working on Electrical Equipment	Shock	Injury	Р	1,5	0,0	5,0	6,5	Mediu s Risk	Electrical equipment apecific	equipment is earthed.	equipment is earthed.	OHSA Electrical Machinery Regulations R1593 r9(3)	1.5	-1,0	2,0	1,0	Very Low Risk	
Nuclear Services	Brio rgo ney	Act 010	Offsite Activities	Walking and working in the veld	Uneven terrain	Injury	Р	1,0	0,5	3,0	4,5	Low Risk	Koeberg Nature Reserve	Adhere to warning signs, knowledge of area, shoes with ankle support.	Adhere to warning signs, knowledge of area, shoes with ankle support.	General Safety Regulations R1031 r2	1,0	0,5	1,0	2,5	Very Low Risk	
Nacios r Services	Erner gen cy	Act 010	Offsite Activities	Nature reserve around office	Snakes	Injury, fatality		1,0	1,0	5,0	7,0	High Rink	Koeberg Nature Reserve	Adhere to warning signs, aware of surroundings	Adhere to warning signs, aware of surroundings		1,0	0,5	2,0	3,5	Low Risk	
Nuclear Services	Ernergency	Act 010		Working in high wind speeds	Falling, hit by flying objects	Injury, fatality	Р	1,0	0,0	5,0	6,0	Mediu s Risk	Weather Station	No work in windspeeds > 35km/ph	No work in windspeeds > 35km/ph	General Safety Regulations R1031 r2	1,0	-1,0	1,0	1,0	Very Low Risk	
Nacios r Services	Emergency	Act 011	Vehicle activities	Driving	Vechicle accident	Injury, fatality	Р	3,0	0,0	5,0	8,0	High Risk	Weather Station, motor vehicle	Conform to the traffic rules of the road.	Conform to the traffic rules of the road.	Road traffic Act No 93 of 1996 Chapter 9 - Road traffic signs	3,0	-1,0	0,0	2,0	Very Low Risk	
Nuclear Services	Ernengen oy Management	Act 011	Vehicle activities	Maintenance	Minor cuts and bruises	Injury	P	2,0	0,5	1,0		Low Rink	Weather Station, motor vehicle	Vehicle is readworthy	Vehicle is roadworthy	Road traffic Act No 33 of 1936 Chapter 5	2,0	-1,0	0,0	1,0	Very Low Risk	
Nacio ar Sorvices	En organoy Management	Act 013	Emergency Plan	Mustering	Getting trampled in the rushigoing to the wrong area	Injury	Р	0,5	4,5	2,0	2,0	Very Low Risk	Weather Station, KAA-611	Correct mustering signage, obey mustering supervisor.	Correct mustering signage, obey mustaring supervisor.	Koeberg Procedure KAA-611	0.5	-1,0	0,0	-1,0	Doubtf ol Risk	
Nuclear Services	Emergency Management	Act 014	Using Lifts	Used for the conveyance of persons	Entering or Exiting lifts. Opening and closing inside or outside doors	First aid or possible medical injuries	Р	2,5	0	3	5,5	Low Risk	Be alert when entering a lift and comply with instructions as per the algapositing.	SHE talks/OE, incident recall, inform EMS when deficiencies are identified.	SHE talks/OE, incident recall, inform EMS when deficiencies are identified.	Lift, escalator and passenger conveyor regulations accordance with the SABS 1545- 10 or SABS 1543.	1,0	0,0	2,0	3,0	Low Risk	
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Initial and Surname Signature Date