

MEDICAL CENTRE SHE RISK REGISTER : June 2022 Rev 1

Department	Group	Id number	Activity / Product / Service / Process / System	Aspect	Hazard / Potential Incident	Impact	Risk Category	Initial Frequency	Initial Probability	Initial Severity	Initial Risk Value	Initial Risk Classification	Mitigation	Legal Requirements	Frequency	Probability	Severity	Final Risk Value	Final Risk Classification	Completed By:	Reviewed By:	Authorised By:	date:		
													Although captured in the mitigations below, prior to performing ANY activity, ALWAYS consider the following: HP TOOLS , i.e. self checking, pre-job / post job brief, peer checking, procedure use, place-keeping, questioning attitude, effective communication, coaching, handover and authorisation and knowledge; OTHER CONTROLS , i.e. monitoring, measurement & inspection; Operational control i.e. procedures; SHE programme; Engineering control	Applicable Legal & other requirements & applicable sections (Eg: National Environmental Management Waste Act no. 59 of 2008, Section 19); National water act, Section X; National Environmental Management Act, Section Y)											
													OPERATIONAL/ ENGINEERING CONTROL (i.e. bund wall, equipment, procedures)										MONITORING & MEASUREMENT (i.e. inspection, monitoring)	ADMINISTRATIVE/ PROGRAMME (i.e. training, protective measures)	
Nuclear Services	Medical Centre	Act 001	Blood specimen collection	Inserting and Withdrawal of the needle from the vein	Needle stick,	Infection	P	3.0	1.0	5.0	9.0	High Risk	Critical task procedure	Job observation, Coaching	PPE, stay focused, Post Exposure Prophylaxis, Hep. B Vaccination SHE talks, , Critical task training HP tools, OE, STAR.	OHSA - Biological hazard regulation; General Safety Regulation; POPI Act	3.0	0.5	4.0	7.5	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 002	Administration of injectable medication	Insertion and withdrawal of the needle in the muscle	Finger pricks whilst busy with insertion and withdrawal of needle	Infection	P	3.0	1.0	5.0	9.0	High Risk	Critical task procedure	Job observation, Coaching,	PPE, stay focused and Post Exposure Prophylaxis, Hep. B vaccination, SHE talks, , Critical task training, HP tools,OE, STAR.	OHSA - Biological hazard regulation; General Safety Regulation; POPI Act	3.0	0.5	4.0	7.5	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 003	Disposal of a used needle	Discarding used needle in a sharps container	finger pricks	Infection	P	3.0	1.0	5.0	9.0	High Risk	Critical task procedure	Job observation, Coaching,	PPE, Job observation, stay focused and Post Exposure Prophylaxis, Hep. B vaccination, SHE talks, , Critical task training, HP tools,OE, STAR.	OHSA - Biological hazard regulation; General Safety Regulation; POPI Act	3.0	0.5	4.0	7.5	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 004	Suturing of wounds	Suturing of wounds	Needle prick whilst suturing	Infection	P	0.5	0.5	5.0	6.0	Medium Risk	Critical task procedure	Job observation, Coaching,	PPE, stay focused and Post Exposure Prophylaxis, Hep. B vaccination, SHE talks, , Critical task training, HP tools,OE, STAR.	OHSA - Biological hazard regulation; General Safety Regulation; POPI Act	0.5	-0.5	4.0	4.0	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 005	Medical Examination	Physical examination of an employee	Exposure or contact with potentially infected employee	Illness	P	3.0	1.0	5.0	9.0	High Risk	Clinical skills Training	Job observation, Coaching,	PPE, stay focused and Post Exposure Prophylaxis, Hep. B vaccination, SHE talks, , Critical task training, HP tools,OE, STAR.	OHSA - Biological hazard regulation; General Safety Regulation; POPI Act	3.0	0.5	4.0	7.5	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 006	Disposal of medical waste	Segregation of medical waste; Sealing of medical waste container for proper disposal	Spillage; Hand trauma	Infection; skin lacerations and / or irritation	P	2.5	1.0	4.0	7.5	High Risk	Waste Management Training; clinical skills training	Good house-keeping principles; proper waste management	PPE, Training, warning labels, stay focused, ensure container is properly closed, Take all reasonable care to avoid causing harm to the environment, OE, STAR, SHE talks.	OHSA - Biological hazard regulation; General Safety Regulation; Haz Chem Regulation & Healthcare Waste Risk Management Standard	2.5	1.0	4.0	7.5	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 007	Wound Dressing	Cleaning of the wound	Direct contact with infected wounds	Infection/ Illness	P	2.0	0.5	5.0	7.5	High Risk	Apply wound care management techniques/skills	wound care protocol	PPE, stay focused and Post Exposure Prophylaxis, Hep. B vaccination, SHE talks, apply wound care protocol, HP tools,OE, STAR.		2.0	-0.5	5.0	6.5	Medium Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 008	Lung Function test	Performing Lung Function test	Inhalation of breath, coughs from infected patients	Infection / ILLNESS	P	3.0	0.5	5.0	8.5	High Risk	Critical task procedure	COVID-19 symptom screening questionnaire & Lung Function Questionnaire	Coaching of the client to blow away from the operator, make use of antibacterial and disposable filters, ventilation (FFD) SHE talks, Critical task training, HP Tools, OE, STAR	OHSA - Biological hazard regulation; General Safety Regulation; POPI Act	3.0	0.5	5.0	8.5	Medium Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06

Nuclear Services	Medical Centre	Act 009	Use of Latex gloves	Use of latex gloves	Latex allergy	Illness:	P	3.0	0.5	2.0	5.5	Medium Risk	Make use of Latex -free products when allergic to latex		HP Tools, SHE talks, SHE training, OE, STAR.		3.0	-1.0	1.0	3.0	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 010	Discarding expired pharmaceutical waste	Expired pharmaceutical waste	Improper discarding of expired pharmaceutical waste	Land / soil pollution	E	0.5	0.5	3.0	4.0	Low Risk	Ensure that the box containing expired medicines is clearly labelled and securely stored	Waste management training and audits. Coaching	Ensure that the box containing expired medicines is clearly labelled and securely stored, take all reasonable care to avoid causing harm to the environment, OE, STAR, SHE talks.Do not dispose medication via stormwater drainage , make use of reputable waste removal company ensure documentation of safe disposal is	Medicine and related substances control Act (101 of 1965), and its supporting regulations. HCSs15(d) :Disposal of hazardous chemical substances. Environmental management Act, (107 of 1998) Conservation Act, 1989 (Act No. 73 of 1989),	0.5	-0.5	0.0	0.0	Doubtful Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 011	Radiation exposure	Decontamination of irradiated employee(s)	Medical personell can be contaminated during this process	Illness	P	0.5	0.5	5.0	6.0	Medium Risk	Emergency Plan Procedure	Regular training excercises	PPE: Complete coverage (includes Overall, shoe covers, gloves, mask, theatre gown, head cover), job observation, stay focused, SHE talks, training excercises, HP tools,OE, STAR,	OHSAct section 8 (1), LD1077, KEP087	0.5	-0.5	4.0	4.0	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 012	Disposal of radiation contaminated waste	Safe disposal of radiation contaminated waste	Radiation contamination	Illness	P	0.5	0.5	3.0	4.0	Low Risk	Emergency Plan Procedure	Regular training excercises / Coaching	PPE: Complete coverage (includes Overall, shoe covers, gloves, mask, theatre gown, head cover), Job observation, stay focused, SHE talks, training excercises, HP tools,OE, STAR,	Radio active substances act of 1993/ OSHAct	0.5	-0.5	2.0	2.0	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 013	Fire in office area.	Possibility of a outbreak of a fire in the office area	Exposure to smoke and burns	Injury,Illness	P	0.5	0.5	5.0	6.0	Medium Risk	Fire detection system in offices, audible fire alarms, earth leakage on electrical boards	Regular inspections to be done on fire equipment, by Approved Inspection Authority.	SHE induction, SHE talks, fire extinguisher training, staff to know location of fire extinguishers, muster and evacuation excercises,, regular inspections of electrical equipment, fire awareness campaigns by FRM, no smoking in buildings, PPE, HP tools, observations, OE, STAR	Environmental Regulation for Workplaces 19: Fire precautions	0.5	-0.5	3.0	3.0	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 014	Fire in office area.	Possibility of outbreak of a fire in the office area	Fire that break out in office	Damage to property and assets	A	0.5	0.5	5.0	6.0	Medium Risk	Install fire detection system in medical centre, audible fire alarms, earth leakage on electrical boards	Regular inspections to be done on fire equipment, by Approved Inspection Authority.	SHE induction, SHE talks, fire extinguisher training, staff to know location of fire extinguishers, muster and evacuation excercises, fire awareness campaigns by FRM, no smoking in buildings, PPE, HP tools, observations, OE, STAR	SANS 10400 and Environmental Regulation for workplaces 9: (Fire precautions and means of egress).	0.5	-1.0	2.0	1.5	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 015	Office waste. (Paper, plastic, batteries, printer cartridges etc)	Disposal of office waste generated within MED SERVICES	Improper disposal of office waste generated within MED SERVICES	Pollution to environment	E	2.5	1.0	1.0	4.5	Low Risk	OPERATIONAL CONTROL: Procedure KAE-012 (waste management); all waste to be properly disposed of		SHE induction, SHE talks, environmental awareness, separate and designated bins for generated waste, bins cleaned out daily by cleaning staff, fill in form for disposal of cartridges and batteries, OE, waste control sheet in place and updated	National Environmental Management:Waste Act 59 of 2009 - measures to reduce the amount of waste generated and to ensure that, where waste is generated, the waste is re-used, recycled and recovered in an environmentally friendly manner prior to it being treated and disposed of in a safe manner	2.5	-1.0	1.0	2.5	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 016	Ergonomics (Office activities)	Working on PC's, sitting position, use of mouse and key board	Poor ergonomics at workstations	Work related upper limb disorders, repetitive strain syndrome, carpal tunnel syndrome.	p	3.0	0.5	3.0	3.0	Low Risk	Ensure correct workstation layout, ergonomically designed chair,	Ensure employees go for regular medical check-ups as per Eskom Fitness for Duty process 335-68	SHE talk, She induction and awareness, avoid long working sessions(allowing relaxation of muscles), ergonomic assessment of workstation,HP tools, observations, OE, STAR.	Facilities Regulation 8: (Seats).	3	0.0	1.0	4.0	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06

Nuclear Services	Medical Centre	Act 017	Using of the hydroboill	Obtaining hot water from the hydroboill	Using Hydroboill can cause hot water to splash on person	Injury - burns	P	3.0	0.5	2.0	5.5	Medium Risk		Visual Inspections before using the Hydroboill.	SHE talks, poster displayed to warn staff, STAR, OE, HP tools		3.0	-0.5	2.0	4.5	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 018	Drug Testing	Urine drugtest	Infection	Illness	p	3.0	1.0	5.0	9.0	High Risk	Drug test protocol	Coaching	Use PPE, Safety talk, induction, HP tools,STAR	Regulation for Hazardous Biological Agents 5: (Duties of persons who might be exposed to HBA) and Annexure C./ Management of substances abuse in the work place	3.0	-0.5	2.0	5.5	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 019	Filing of medical records	Lifting, moving, Climbing on step ladder,pushing and pulling, confined spaces	Strain or sprain	Injury/ Illness	P	3.0	1.0	4.0	8.0	High Risk		Coaching	Use trolley to move files, ask for assistance, safety talks, HP tools, STAR	Koeberg Material Handling procedure	3.0	-0.5	1.0	3.5	Very Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 020	Driving of vehicles	Driving during Call out (including outages)	Hijacking/ accidents	Injury	P	1.5	0.5	5.0	7.0	High Risk		Fully assess necessity to come out for call outs, Be alert specifically at Robots and Stops keep windows closed, doors locked, vehicles in roadworthy condition.	SHE Talk,OE,STAR	National Road Safety Act.	1.5	0.5	4.0	6.0	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 021	Walking around Plant areas	Insects/ Snakes	Insects/ Snake bites	Injury/Fatality	p	0.5	0.5	5.0	6.0	Medium Risk	Adherance to sign posting	Awareness, communi	SHE Talk,OE,STAR 2m Rule	Enviromental regulation for workplaces	0.5	-0.5	3.0	3.0	Low Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 022	Slip , trips & falls	Wet, irregular floors	Injury to individuals	Injury, disability	p	3.0	0.5	4.0	7.5	High Risk	Safety talks	Observation	Wear correct PPE , Warning Signs, SHE talks, OE. STAR	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) General Safety Regulations.	3.0	0.5	3.0	6.5	Medium Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06
Nuclear Services	Medical Centre	Act 023	Clinical/Occupational health interaction with workforce	Clinical/Occupational Health Consultation / COVID-19 Testing	COVID 19 infection	Infection/Death	P	3.0	1.0	5.0	9.0	High Risk	Social Distancing, Ventilation (FFD only),Physical barriers,Adaption of workstations to increase social distance.	HP TOOLS, i.e. self checking, peer checking, procedure use, questioning attitude, effective communication, coaching, handover and knowledge	Screening / Reporting of symptoms / sick leave, Minimising contact, Rotation, Education and training, Work from-home strategies where possible.	OHSA - General Safety Regulations; Biological hazard regulation; Disaster Management Act; DoL Regulations / Directives	3	0.5	5.0	8.5	High Risk	B. Sani	M. Stoffels	L.Gcilishe	2022/06/06

Prepared by : L. Gcilishe Signed

Reviewed by : B. Sani Signed

Date : 2023.05.29

