

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 |

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| 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. Gcillishe | 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. Gcillishe | 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 | 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. Gcillishe | 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 exercises | 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. Gcillishe | 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 exercises / 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/ OSHAAct | 0.5 | -0.5 | 2.0 | 2.0 | Very Low Risk | B. Sani | M. Stoffels | L. Gcillishe | 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 exercises,, 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. Gcillishe | 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 exercises, 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. Gcillishe | 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. Gcillishe | 2022/06/06 |

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| 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 hydroboil | Obtaining hot water from the hydroboil | Using Hydroboil 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 Hydroboil. | 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 | Adherence 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 |

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