TITLE:	Reference No.:	KFV-SR-050
SHE RISK REGISTER SHEET	Revision:	1
	Associated Documents:	KGA-067

Zero Harm Be aware. Take care.

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NUCLEAR COMMERCIAL SUPPLY CHAIN OPERATIONS MATERIALS MANAGEMENT SHE RISK REGISTER (2023/2024)

Department	Group	Id number	Activity / Product / Service / Process / System	Process Flow/Characteristics of products/systems	Environmental Aspect Identified/Hazard Identified	Environmental Impact Identified/Risk Identified	Risk Category	Initial Frequency	Initial Probability	Initial Severity	Initial Risk Value	Initial Risk Classification	Mitigation/Risk Control Measures				Legal and Other 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. situational awareness, 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 etc.				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, Occupational Health and Safety Act No. 85 of 1983 section 8 General duties of employers to their employees)									
													OPERATIONAL CONTROLS													
													Elimination/Substitution (i.e. performing work at ground level instead of working at heights, replacing a hazardous chemical substance with a less hazardous chemical substance etc.)	**Engineering Controls** (i.e. machine guarding, bundwalls, physical barriers, fencing, 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, coverall, hearing protection, safety harness, safety glasses/goggles, breathing apparatus, respirators etc.)									
Nuclear Commercial Supply Chain Operations	Materials Management	Act 001a	Walking in and around the Warehouse areas when on/ offloading.	Bee's.	Bee stings.	Allergic reaction i.e.. pain, redness. swelling, itching, sweating, anxiety, dizziness or fainting. Possible fatality.	P	1.5	0.5	5.0	7.0	High Risk	Where allergies is known, individual to have the required medication on their person.	None	SHE talks, OE, medical surveillance and situational awareness.	None	Occupational Health and Safety Act 85 of 1993 OHSA 14(1) GENERAL DUTIES of EMPLOYER Subsection:(a)-(d) read with Section: 21 GENERAL PROHIBITIONS Subsection: (C)	1.5	0	3	4.5	Low Risk	E Tshazi	N Wyngaard	J. Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 001b		Snakes.	Snake bites.	Shock, fever, fainting, rapid pulse, breathing difficulties, fatality.	P	3.0	0.5	5.0	8.5	High Risk	Medical services or treating physician to have the required anti-venom on-hand	Koeberg Emergency Services.	Call for emergency assistance immediately using 4222. SHE talks/OE; It is very important to try and note of what the snake looked like (colour, size etc.) to assist Medical services or treating physician to establish which anti-venom to administer.	None	Occupational Health and Safety Act 85 of 1993 OHSA 14(1) GENERAL DUTIES of EMPLOYER Subsection:(a)-(d) read with Section: 21 GENERAL PROHIBITIONS Subsection: (C)	1.5	-0.5	3	4.0	Low Risk	E Tshazi	N Wyngaard	J. Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 001c		Insects.	Insect bites.	Experience burning, pain, itching or redness. A deep blue/purple area around the bite, headache, body aches, rash, fever and nausea/vomiting.	P	1.5	0.5	3.0	5.0	Medium Risk	None	Koeberg Emergency Services	SHE talks, OE, medical surveillance and situational awareness.	None	Occupational Health and Safety Act 85 of 1993 OHSA 14(1) GENERAL DUTIES of EMPLOYER Subsection:(a)-(d) read with Section: 21 GENERAL PROHIBITIONS Subsection: (C)	1.5	0.0	3.0	4.5	Low Risk	E Tshazi	N Wyngaard	J. Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 002a	Driving of Company vehicles (LMV's & Trucks).	Driving of company vehicles on and site and public roads.	Motor vehicle accidents.	Permanent/ partial disabilities, Fatalities.	P	3.0	1.0	5.0	9.0	High Risk	Wear seatbelts at all times.	Ensure all Vehicles is road worthy.	Perform Daily & Pre-trip inspections. Ensure all staff is licensed to drive company vehicles and all staff to be made aware traffic laws and obeying them.	None	National Road (Traffic Act 93 of 1996.)	3	1	0	4.0	Low Risk	E Tshazi	N Wyngaard	J. Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 002b				Property Damage.	A	3.0	0.5	2.0	5.5	Medium Risk	Wear seatbelts at all times.	Ensure all Vehicles is road worthy.	Perform Daily & Pre-trip inspections. Ensure all staff is licensed to drive company vehicles and all staff to be made aware traffic laws and obeying them.	None	National Road (Traffic Act 93 of 1996.)	3.0	1.0	0.0	4.0	Low Risk	E Tshazi	N Wyngaard	J. Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 003	Ascending & descending from truck	Correct ascending and descending of truck	Tripping and falling hazard	Injuries	P	1.0	1.0	1.0	3.0	Low Risk	None	Ensure that the steps is clear and rubberised to avoid slip and trips.	Daily vehicle Inspections are completed and have regular SHE Talks	Wear safety boots.	All vehicles operating on public roads need to comply with the requirements of the National Road (Traffic Act 93 of 1996.)	1	2	3	6.0	Low Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 004	Entering & exiting the Warehouse whilst operating the roller doors and gate.	Opening & closing of doors & gates	Doors or gates injuring persons	Injury	p	1.0	2.0	3.0	6.0	Medium Risk	None	Annual servicing of roller doors and gates.	Monthly inspections for unsafe conditions. On-job training on roller door operation.	Wear safety boots and safety gloves.	OHS ACT no 95 of 1993, Environmental Regulation for Workplace GRN 2281 of 16 October 1987	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23

Nuclear Commercial Supply Chain Operations	Materials Management	Act 005a	Ascending & descending stairs	Carrying stationary	Tripping & falling down stairs	Injury	P	1.0	2.0	3.0	6.0	Medium Risk	Use the Lift instead.	None	Coach and approach sessions. Attend the Materials Handling training.	Wear safety boots and safety gloves.	GN 2362 of 5 October 1990 of the Act	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 005b		Carrying stationary	Falling of equipment	Equipment damage	A	1.0	2.0	3.0	6.0	Medium Risk	Use the Lift instead.	None	Coach and approach sessions. Attend the Materials Handling training.	Wear safety boots and safety gloves.	GN 2362 of 5 October 1990 of the Act	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 006	Operating trolley's and pallet jacks.	Manual loading / offloading of spares	Falling objects	Injury	P	2.5	0.0	1.0	3.5	Low Risk	None	Annual servicing of trolley and pallet jacks.	Perform monthly inspections on trolley's and pallet jacks. All employees to complete the Materials handling course.	Wear safety boots, safety gloves amd hard hat.	OHSAct section 8 (1): Employer shall provide and maintain as far as is reasonably practicable a working environment that is safe and without risk to the health of his employees.	2.5	0	0	2.5	Low Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 007a	Operating a forklift or being in close proximity of a forklift being operated.	Loading / offloading items from truck	Falling objects	Injury	P	1.0	2.0	3.0	6.0	Medium Risk	None	Annual servicing of trolley and pallet jacks.	LMO forklift training & FFD Fitness for duty	Wear safety boots, safety gloves amd hard hat.	Driven Machinery Regulation 18 of the OHS ACT 85 of 1993	2.0	2.0	2.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 007b		Loading / offloading items from truck	Bumping into objects.	Equipment damage	A	1.0	3.0	2.5	6.5	Medium Risk	None	Annual servicing and load test of forklifts.	Monthly forklift inspections, LMO forklift training & FFD Fitness for duty	Wear safety boots, safety gloves amd hard hat.	Driven Machinery Regulation 18 of the OHS ACT 85 of 1993	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 008	Manual lifting of stock & equipment	Incorrect manual lifting techniques	Back & body injuries	Injuries	P	1.0	1.0	1.0	3.0	Medium Risk	None	Correct body posture techniques should be applied	Coach and approach sessions. Regular she talks & staff to complete Materials Handling course	Wear safety boots, safety gloves amd hard hat.	OHSAct section 8 (1): Employer shall provide and maintain as far as is reasonably practicable a working environment that is safe and without risk to the health of his employees.	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 009	Checking of stock in crates.	Opening & Closing of wooden crates	Protruding nails	Injuries	P	1.0	1.0	1.0	3.0	Medium Risk	None	None	Ensure that all nails is . removed from the crate. Regular she talks & staff to complete Materials Handling course	Wear safety boots, safety gloves and hard hat.	OHSAct section 8 (1): Employer shall provide and maintain as far as is reasonably practicable a working environment that is safe and without risk to the health of his employees.	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 010a	Stacking	Stacking of items for storage	Collapsing of stack	Injury	P	1.0	2.0	3.0	6.0	Medium Risk	None	Barricade area and re-build stack safely	Monthly inspections for unsafe conditions. Materials Handling training for all staff.	Wear safety boots, safety gloves and hard hat.	OHSAct section 8 (1): Employer shall provide and maintain as far as is reasonably practicable a working environment that is safe and without risk to the health of his employees.	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 010b		Stacking of items for storage	Collapsing of stack	Equipment damage	A	1.0	2.0	3.0	6.0	Medium Risk	None	Barricade area and re-build stack safely	Monthly inspections for unsafe conditions. Materials Handling training for all staff.	Wear safety boots, safety gloves and hard hat.	OHSAct section 8 (1): Employer shall provide and maintain as far as is reasonably practicable a working environment that is safe and without risk to the health of his employees.	1.0	2.0	3.0	6.0	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23
Nuclear Commercial Supply Chain Operations	Materials Management	Act 011	Hygiene	Using of kitchen and bathroom facilities	Corona Virus (COVID 19)	Illness (SARS or Pneumonia)	P	3.0	0.5	5.0	8.5	High Risk	None	Install sanitizers or disinfectants in all kitchens	Individuals, managers to Monitor quantitity / availability of disinfectant or sanitizers placed on identified work areas. Raise awareness on COVID 19; practice good personal hygiene (hand washing with soap); Ensure that shared utensils	Wear COVID-19 masks when necessary.	Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) Regulation 6; 10 & 11 of the Regulations for Hazardous Biological Agents and Annexure C.	1	-0.5	5	5.5	Medium Risk	Elvis Tshazi	N Wyngaard	Jamie-Lee Booysen	Aug 23

Approved by Jamie-Lee Booysen

August 2023