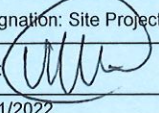


Occupational Health and Safety Baseline risk assessment - GCD KENDAL REFURBISHMENT PROJECT: HFPS																								
Business/Operating unit: GCD KENDAL REFURBISHMENT PROJECT										Department: HFPS					Next Review Date (every 2 years):					Template identifier:		240-70044602		
Date: 20/11/2022										Prepared by: GCD Kendal Project Team					Authorised by: Name: Vusi Mlandu Designation: Site Project Manager Sign:  20/11/2022					Document identifier		KHFPS Basic Risk Assessment 009.		
															Revision number:		5							
															Revision date:		30-Apr-27							
Refer to Occupational Health and Safety Risk assessment procedure 32-520																								
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	Consequence Likelihood	Risk Priority Rating	Additional Controls or Tasks Aimed at improving Existing Controls	Monitoring Mechanisms	Control Owner	Legal and Other Requirements	Target Date	Current Status	Integrated Risk Management (IRM)			
List specific activities to be performed taking into consideration the equipment to be used, the personnel involved in the task.	Indicate R or N 1. Routine activities and situations create hazards through day-to-day operations and normal work activities;	#	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, - implemented, - regularly reviewed for	The frequency and duration the person/group is exposed to the hazard e.g. Daily for 3 hrs.	Consider the worse case scenario without controls?	Include: - <u>Preventative Controls</u> (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - <u>Reactive Controls</u> (controls implemented to reduce the immediate			RCE Risk Control Effectiveness	Include: - <u>Preventative Controls</u> (controls implemented to eliminate hazards or reduce the likelihood of the risk occurring), and - <u>Reactive Controls</u> (controls implemented to reduce the immediate	How we know if we are succeeding. Include comments on effectiveness. This may include i.e. measurements	Person allocated the responsibility for implementing the agreed controls	Where relevant, list the relevant legislative and or Eskom requirements that	Once a date has been agreed to, this can not be changed	Pending, In Progress, Complete	Where applicable, add IRM system reference number for tracking of treatment actions.		
Establishing site and laydown area	N	1	Unsafe methods utilized for the loading (Supplier/source) & unloading of office buildings and containers (Site laydown area)	1.1	Mobile office buildings slewing or being dropped	Safety	Untrained employees, No safe working procedure, No supervision	Employees, Visitors	Project Manager, Supervisor, SHE Manager/SHE Officer	On occurrence (Site establishment and de-establishment)	Damage to office buildings & containers, Injury to employees	Safe work procedure, daily risk assessment, Rigging study for heavy lifting, checklist for rigging equipment	5	C II	Mostly effective	Rigging study to be conducted for each lifting & rigging operation	Supervision, BBS	Supervisor, Rigger	39-98 (Safe use of Lifting Machines and Lifting tackle)	30/03/2023	In Progress			
	N	2	Insufficient laydown areas or space designated for project purposes	2.1	Congestion of buildings & vehicles at the site office laydown area	Safety	Poor planning & design	Employees, Visitors	Project Manager, Designer, Supervisor, Client (Gx)	On occurrence (Site establishment and de-establishment)	Restricted working spaces, Possible injuries, Collisions	Site layout plan	4	C II	Mostly effective	Laydown areas plans to take buildings, stores and mobile plant & machinery into account when being designed. Pre site walks to be conducted to ensure proper planning is done prior site establishment	Observation, Supervision, BBS, Inspections	Supervisors	Environmental Regulations for workplaces, Facilities regulation, 2004 & CR 30; EMPr	30/03/2023	In Progress			
	N	3	Location of services known or unknown	3.1	Damage to existing services (water, sewerage & electricity)	Safety	No services mapping/ drawings	Employees, Visitors	Project Manager, Engineer, Supervisor	On occurrence	Power failures, Electrocuting of employees	Underground service report, designs for underground services, Plant safety regulations implemented, excavation permit	5	C II	Mostly effective	Underground services to be done prior site establishment and drawing to be provided to the contractor in order to avoid damage to services especially when fencing is erected.	Observations; Safe work procedure	Site Project Managers, Supervisors	Environmental Regulations for workplaces, Facilities regulation, 2004 & CR 30, EMPr	30/03/2023	In Progress			
	N	4	No electrician available to authorized electrical connections	4.1	Electrical supply utilized without C.O.C's	Safety	Non-compliance to legal & Eskom requirements	Employee	Project Manager, Engineer, Supervisor	On occurrence	Electrocution of employees	COC certificate issued	5	C II	Mostly effective	Method statements to ensure that no electrical connections are lived up and utilized prior to them receiving a C.O.C from an electrician	Proof of COC's; Verification of COC during monthly audits on the Contractor	Site Project Managers, Supervisors, Safety Officers	Electrical Installation Regulations	30/03/2023	In Progress			
Controlling access	R	5	No project specific induction developed or implemented	5.1	Employees/visitors/vendors/suppliers access site without undergoing a project specific induction	Safety	Power station induction does not include the project specific risks, Non-compliance to legal & Eskom requirements	Employees, Visitors, vendors, suppliers	Project Manager, Supervisor, SHE Manager/SHE Officer	Per Project	Injuries to employees, visitors, vendors & members of the public	Induction attendance register	5	B II	Mostly effective	A staff mobilization plan to be developed and inductions co-ordinated to ensure all employees undergo site inductions prior to gaining access to the construction site.	Attendance registers, Induction stickers for GCD contractors, visitors, suppliers, vendors etc.	Safety Officers	SHE Specification	30/03/2023	In Progress			
	R	6	Limited or no access control at the construction site	6.1	Persons gain unauthorized access to the construction site	Safety	Poor access control measures, Poor supervision, Non-compliance to legal & Eskom requirements	Employees, Visitors, Public	Project Manager, Supervisor, SHE Manager/SHE Officer, Security	Daily	Injuries to people, Possible sabotage & Theft of materials & equipment	Induction, awareness, traffic management plan	5	C II	Mostly effective	Access control to be fully implemented and operational during construction activities	Mobilisation plan, induction register	Supervisors (Contractor), Safety Officers	SHE Specification & Contractor Traffic Management Plan	30/03/2023	In Progress			