

Project		Remove and Install Electrical plugs		Evaluator Name		Sne Sithole		<div style="text-align: center; background-color: #f0f0f0; padding: 5px;"> BASELINE RISK ASSESSMENT </div>													
Compiled By		Client Team		Signature																	
Date of Assessment		18/3/2025		Responsible Manager		Nthanyisani Netangaheni															
PROBABILITY INDEX 5 Almost certain to inevitable 4 Probable 3 Improbable 2 Less than even chance 1 High improbable	SEVERITY INDEX INJURY/DISEASE (I) 5 Fatal 4 Permanent to Slight Disability 3 14 Days with complete recovery 2 Medical attention 14 Days with complete recovery 1 First aid only	SEVERITY INDEX PRODUCTION (P) 5 No production 4 Loss of 1 month or more production 3 Loss of 1 week of production 2 Loss of 1 days's production 1 Loss of 1 man shift	SEVERITY INDEX ENVIRONMENT (E) 5 Permanent effects 4 Long term 2 years 3 Med - 6 months to 1 year 2 Short term - 1 day to 6 months 1 Insignificant effect	SEVERITY INDEX COST (C) 5 > R500 000 4 R100 000 - R499 999 3 R10 000 - R99 999 2 R1 000 - R9 999 1 R0 - R999	FREQUENCY INDEX 5 Hazard permanently present 4 Hazard arises every week 3 Hazard arises every month 2 Hazard arises every year 1 Hazard arises every 5 years	PROBABILITY VALUE X SEVERITY VALUE X FREQUENCY VALUE /125 = TOTAL SCORE (%)															
Risk Value A 80 - 100% Very High Risk B 60 - 79 % High Risk C 40 - 59% Medium Risk D 20 - 39% Lower Risk E 0 - 19% Low Risk												PPE Requirement & Safety Signs A B C D E F G H I J K L M N O									
Item	Task / General Activities	Hazard Identified	Risks I.r.t the hazard	Severity Index I P E C Tot Asses. Count 5 Points Each Formula = points 5*5 Probability Index Frequency Index Risk Score Risk Value PPE Signs Corrective Action Responsible Person & Time Frame																	
1	Removal of existing floor plugs Removal of electrical plugs, Working on electrical plugs, Housekeeping.	1.Electrical Shock	1. Health & safety (I) 5 2. Cost (C) 5 3. Productivity (P) 5 4. Environment (E) 1 Total Average Risk Value 75%	C,D,E,K	L,B	1.Ensure compliance to DBSA OHS requirements and legislation. 2. Isolate power supply. 3.Site supervisor to ensure that all employees are equipped with the correct/necessary PPE (gloves,safety shoes)and to ensure the utilisation of them. 4. Ensure use of insulated tools and proper insulation of wires. 5.Task specific HIRA to be completed before commencement of work. 6. Conduct toolbox talk; ensure all personnel are trained on tools management and inspection.	Principal Contractor														
2	Grinding floor to accommodate new floor plugs Use of portable electrical equipment, Working on the floor.	1.Dust inhalation, 2. Noise exposure, 3. Hand injuries	1. Health & safety (I) 5 2. Cost (C) 5 3. Productivity (P) 3 4. Environment (E) 1 Total Average Risk Value 52%	C,D,E,K,H,N	L,B	1.Ensure compliance to DBSA OHS requirements and legislation. . 2.Site supervisor to ensure that all employees are equipped with the correct/necessary PPE (Dust masks,gloves,safety goggles) and to ensure the utilisation of them. 3.Conduct Task specific HIRA before commencement of work. 4. Make use of dust suppressions techniques during the floor grinding.	Principal Contractor														
3	Installation of new floor plugs and ground plug socket Installation of new floor plugs, Installation of plug sockets.	1.Electrical shoc, 2.Manual handling injuries, 3.Nipping points,	1. Health & safety (I) 5 2. Cost (C) 5 3. Productivity (P) 5 4. Environment (E) 1 Total Average Risk Value 75%	C,D,E,K	A,B	1.Ensure that a completed, qualified electrician is admitted to perform the electrical installations. 2.Site supervisor to ensure that all employees are equipped with the correct/necessary electrical work PPE and to ensure the utilisation of them. Task specific HIRA to be completed before commencement of work. 3.Verify power isolation, De-energize circuits during installation. 4. Use lockout-tagout procedures; 5. Use proper Lifting techniques	Principal Contractor														
4	Installation of electrical power post Use of ladders	1.Fall from heights, 2.Manual handling of equipment, 3.Falling objects, 4. Electric shock	1. Health & safety (I) 5 2. Cost (C) 5 3. Productivity (P) 5 4. Environment (E) 1 Total Average Risk Value 75%	A,D,E,K	A,B	1. Compile a fall protection plan and ensure all employees are trained on working at heights risks and controls inplace. 2. Site supervisor to ensure that all employees are equipped with the correct/necessary working on height PPE and to ensure the utilisation of them. Task specific HIRA to be completed before commencement of work. 3. Ensure working area is clear. 4. Conduct Ladder inspections ensur use of safe ladders. 5. Inspection of tools before use.	Principal Contractor														
5	Installation of 4x4 wall plugs and auditorium plugs Installation of wall plugs.	1.Electrical shock 2.Tripping hazards	1. Health & safety (I) 5 2. Cost (C) 5 3. Productivity (P) 4 4. Environment (E) 1 Total Average Risk Value 56%	A,D,E,K	A,B	1. Site supervisor to ensure that all employees are equipped with the correct/necessary working on height PPE and to ensure the utilisation of them. 2. Task specific HIRA to be completed before commencement of work. 3. Ensure working area is clear. 4. Ensure proper cable management. 5. Avoid live electrical work. 6. Ensure use of insulated tools.	Principal Contractor														
6	Installation of 4x4 blank covers Installation of blank covers	1.Manual Handling injuries	1. Health & safety (I) 3 2. Cost (C) 3 3. Productivity (P) 2 4. Environment (E) 1 Total Average Risk Value 32%	A,D,E,K	A,B	1. Site supervisor to ensure that all employees are equipped with the correct/necessary PPE and to ensure the utilisation of them. 2. Task specific HIRA to be completed before commencement of work. 3. Ensure proper lifting techniques. 4. Make use of correct tools	Principal Contractor														
7	Replacement of damaged floor carpet Replacement of carpet	1.Housekeeping 2.Slips, trips and falls	1. Health & safety (I) 5 2. Cost (C) 5 3. Productivity (P) 4 4. Environment (E) 2 Total Average Risk Value 56%	A,D,E,K	A,B	1. Secure loose carpets immediately. 2. Use warning signs. 3. Practice good housekeeping at all times.	Principal Contractor														