















Project		Carpet Cleaning Services at DBSA Facilities		Evaluator Name		Sne Sithole		BASELINE RISK ASSESSMENT																																																											
Compiled By		Client Team		Signature																																																															
Date of Assessment		08 May 2025		Responsible Manager		Kgomoiso Kekana																																																													
				Signature																																																															
PROBABILITY INDEX	5	Almost certain to inevitable	5	Fatal	SEVERITY INDEX INJURY/DISEASE (I)	5	No production	SEVERITY INDEX ENVIRONMENT (E)	5	Permanent effects	SEVERITY INDEX COST (C)	5	> R500 000	FREQUENCY INDEX	5	Hazard permanently present	PROBABILITY VALUE X SEVERITY VALUE X FREQUENCY VALUE /125 = TOTAL SCORE (%)																																																		
	4	Probable	4	Permanent to Slight Disability		4	Loss of 1 month or more production		4	Long term 2 years		4	R100 000 - R499 999		4	Hazard arises every week																																																			
	3	Improbable	3	14 Days with complete recovery		3	Loss of 1 week of production		3	Med - 6 months to 1 year		3	R10 000 - R99 999		3	Hazard arises every month																																																			
	2	Less than even chance	2	Medical attention 14 Days with complete recovery		2	Loss of 1 day's production		2	Short term - 1 day to 6 months		2	R1 000 - R9 999		2	Hazard arises every year																																																			
	1	High improbable	1	First aid only		1	Loss of 1 man shift		1	Insignificant effect		1	R0 - R999		1	Hazard arises every 5 years																																																			
Risk Value																	PPE Requirement & Safety Signs																																																		
A		80 - 100%		Very High Risk		A		B		C		D		E		F		G		H		I		J		K		L		M		N		O																																	
B		60 - 75 %		High Risk																																																															
C		40 - 55%		Medium Risk																																																															
D		20 - 35%		Lower Risk																																																															
E		0 - 15%		Low Risk																																																															
Item	Task / General Activities				Hazard & Risk Identified				Risks I.r.t the hazard				Severity Index					Assess. Count					Formula = points -5*5					Probability Index					Frequency Index					Risk Score					Risk Value					PPE					Signs					Corrective Action					Responsible Person & Time Frame				
1	Dry Carpet Cleaning (Powder Method) Exposure or Use of powder chemicals.				1.Skin Irritation 2.Chemical inhalation, 3.Slip, trips and falls, 4.Respiratory Issues. 5. Ingestion or misused of the powder 6. Allergic reaction				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				5 5 5 1					1 5 5 1					5 125 4 5 125 1					4 5 5 1					100 80% 100 80% 100 80% 1%					C, D,K,H					A,B					1.Ensure employees are trained and certified in Chemical MSD control methods and emergency procedures.Limit access to the chemical to only authorised personnel only. 2. Use of safe chemicals compliant with relevant South African Health and Safety regulations. 3. Site supervisor to ensure that all employees are equipped with the correct/necessary PPE (gloves, masks, protective eyewear,safety shoes) and to ensure the utilisation of them. 4.Task specific HIRA to be completed before commencement of work. 5. Ensure proper Ventilation.					Principal Contractor														
2	Spot & Stain Removal Cleaning of carpet stains				1.Chemical exposure (skin or eyes) 2. Manual Handling, strain injuries 3. Incorrect chemical usage, carpet damage, 4. Burns, irritation ,eye damage , allergic reaction				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				5 5 5 1					1 5 5 1					5 125 4 5 125 1					4 5 5 1					100 80% 100 80% 100 80% 1%					C,D,H,K					A,B					1.Emergency eyewash and first aid training to personnel is required. Ensure MSD controls and emergency procedure is followed at all times 2.Site supervisor to ensure that all employees are equipped with the correct/necessary PPE and to ensure the utilisation of them. 3. Task specific HIRA to be completed before commencement of work. 4. Use lightweight ergonomic tools, conduct toolbox talks on how to manage strain injuries, 5. Conduct pre test chemical on small areas and do on the job training					Principal Contractor														
3	Vacuuming Carpets Use of vacuuming machine , Equipment Handling and maintenance.				1.Electric Shock, 2.Tripping and falling from cables 3. Noise, 4. Fatigue from repetitive motion, strain muscle, 5. Use of faulty equipment 6. Improper Lifting, back injuries				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 4 2 1					1 4 2 1					5 125 5 5 125 5 125 1					5 5 5 5 25 20%					C,D,H,K					A,B					1.Ensure equipment is checked and tested. No use of damaged cables. The user must be trained on electrical safety. Remove faulty tools 2.Site supervisor to ensure that all employees are equipped with the correct/necessary electrical work PPE such as gloves, face shields etc and to ensure the utilisation of them. 3. Task specific HIRA to be completed before commencement of work. 4.Use of cable covers or cordless vacuums if feasible, have signage to indicate possible risk of tripping when using cables. 5. Make use of Low noise approved vacuums, monitor prolong exposure, 6. Encourage micro breaks to mange the fatigue from repetitive motions. Use rolleys and lifting aids to prevent back injuries					Principal Contractor																			
4	Supervision Supervision of personnel to ensure all processes are followed accordingly.				1.Inadequate supervision, 2.Unsafe work Practices, 3. Poor communication 4. Failure to enforce PPE usage.				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 3 3 1					1 3 3 1					5 125 4 5 125 4 5 125 1					4 5 5 1					80 48% 48% 1%					C,D,H,K					A,B					1. Appoint a competent supervisor who will conduct randoms inspection, toolbox talks and daily briefings 2. Site supervisor to ensure that all employees are equipped with the correct/necessary PPE and to ensure the utilisation of them. 3. Conduct Task specific HIRA to be completed before commencement of work. 4. Report all incidents					Principal Contractor														
5	Chemical Storage and Handling Ensure Proper chemical storage and follow the MSDS instructions at all times.				1.Poor Ventilation, 2.Unlabelled containers, coidental misuse 3. Incompatible storage, 4. Fire Risk 5. Spill or leak 6. Housekeeping, stacking and storage				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 3 3 4					1 3 3 4					5 125 4 5 125 4 5 125 1					4 5 5 4					80 48% 48% 3%					C,D,H,K					A,B					1. Site supervisor to ensure that all employees are equipped with the correct/necessary PPE before entry and to ensure the understandat utilisation of them. 2. Task specific HIRA to be completed before commencement of work.. 3. Conduct training on manual handling and ergonomics risk and controls. 4. Ensure Ventilation is in place. 5. Chemicals must be kept in original containers 6. Must have separate storage for flammable items 7. Have spill kits on site readily available and employees to be trained on chemical spill drill.					Principal Contractor														
7	Waste Disposal Management Disposal of Pest control materials				1.Chemical exposure 2.Environmental contamination 3. Health hazards 4. Improper waste disposal				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 3 3 1					1 3 3 1					5 125 4 5 125 4 5 125 1					4 5 5 1					60 48% 48% 1%					C,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 compliance with hazardous waste disposal regulations. 4. Ensure waste segregation and storage must be secured;. 5. Proper labeling of waste.					Principal Contractor														