

Project				Pest Control Services at DBSA Facilities				Evaluator Name				Sne Sithole				BASELINE RISK ASSESSMENT										PROBABILITY VALUE X SEVERITY VALUE X FREQUENCY VALUE /125 = TOTAL SCORE (%)																										
Compiled By				Client Team				Signature																																												
Date of Assessment				13/03/2025				Responsible Manager				Kgomoiso Kekana																																								
								Signature																																												
PROBABILITY INDEX	5	Almost certain to inevitable	SEVERITY INDEX INJURY/LOSS (I)	5	Fatal	SEVERITY INDEX PRODUCTION (P)	5	No production	SEVERITY INDEX ENVIRONMENT (E)	5	Permanent effects	SEVERITY INDEX COST (C)	5	> R500 000	FREQUENCY INDEX	5	Hazard permanently present																																			
	4	Probable		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	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	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		B		C		D		E		F		G		H		I		J		K		L		M		N		O																								
80 - 100%		Very High Risk																																																		
60 - 75 %		High Risk																																																		
40 - 50%		Medium Risk																																																		
20 - 35%		Lower Risk																																																		
0 - 15%		Low Risk																																																		
Item	Task / General Activities				Hazard & Risk Identified				Risks i.r.t the hazard				Severity Index				Assess. Count				PPE				Signs				Corrective Action				Responsible Person & Time Frame																			
1	Use of food-safe pest control methods and products Exposure or Use of pest control chemicals. Manual handling of equipment. Working on Wet Floors or Slippery Floors.				1.Skin irritation 2.Manual handling, 3.Slip,tripsand falls, 4.Respiratory issues, Musculoskeletal Injuries				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				5 5 5 1				5 5 5 1				1 1 1 1				125 125 125 125				4 4 4 1				5 5 5 1				100 80 80 1%				C, D,K,H A,B				1.Ensure employees are trained and certified in safe pest control methods and emergency procedures. 2. Use of food 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	Insect Light Trap viper (Install & maintain) Installation of light trap				1. Electrical hazards 2. Manual Handling 3. Electrical short circuits fire risk,				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				5 5 5 1				5 5 5 1				1 1 1 1				125 125 125 125				4 4 4 1				5 5 5 1				100 80 80 1%				C,D,E,K L,B				1.Train personnel electrical safety and only qualified personnel for installations to ensure adherence of electrical safety standards, 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. Secure work area and ensure good house keeping.				Principal Contractor			
3	Pest Control Treatment Ant Treatment, Rodent Treatment Cockroach Treatments.				1.Contract with rodents, Insects, 2.Bites, 3.Allergies reactions, 4. Infections.				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 4 2 1				4 4 2 1				1 1 5 1				125 125 50 125				5 5 5 5				100 80 40 25				A,D,E,K A,B				1.Have proper disposal methods and ensure all employees are trained on MSDS for the chemicals used. 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.Adhere to hygiene protocols. 5. Adhere to the MSDS emergency instructions and First Aid process. 6. Use food safe pesticides, avoid contamination, 7. Apply treatments in controlles areas, ensure ventilation				Principal Contractor							
4	Bait Station Permanent (Install & maintain) Baigt Installation				1.Exposure to rodenticides, 2.risk of accidental human contact, 3. Environmental impact				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 4 3 4				4 4 3 4				1 1 5 1				125 125 125 125				4 5 5 1				80 64 60 3%				J,D,C,K A,B				1. Secure all bait station to prevent unauthorised access; 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 Tamper resistant designs. 5. Follow disposal regulations. 6. Conduct Routine checks for secure placement, prevent human exposure, ensure temper resistant stations.				Principal Contractor							
5	Working in confined spaces Under counters, storage rooms, etc				1.Poor Ventilation, 2.Potential exposure to pets and mold,				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				3 3 3 1				3 3 3 1				1 1 5 1				125 125 125 125				4 5 5 1				60 60 60 1%				D,E,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,				Principal Contractor							
7	Waste Disposal Management Disposal of Pest control materials				1.Chemical exposure 2.Environmental contamination 3. Health hazards				1. Health & safety (I) 2. Cost (C) 3. Productivity (P) 4. Environment (E)				4 3 3 1				4 3 3 1				1 1 5 1				125 125 125 125				4 5 5 1				80 60 60 1%				C,D,E,K A,B				1. Site supervisor to ensure that all employees are equipped with the correct/necessary PP 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 storage is suctured, 5. Proper labelling of waste.				Principal Contractor							