

Project		Repair Document Containers		Evaluator Name		BASELINE RISK ASSESSMENT															
Compiled By		Client Team		Signature																	
Date of Assessment		22/11/2024		Responsible Manager																	
		Signature																			
PROBABILITY INDEX	5	Almost certain to inevitable	SEVERITY INDEX INJURY/DISEASE (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	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 days'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		A	90 - 100%	Very High Risk	PPE Requirement & Safety Signs																
		B	60 - 79%	High Risk	A B C D E F G H I J K L M N O																
		C	40 - 59%	Medium Risk																	
		D	20 - 39%	Lower Risk																	
		E	0 - 19%	Low Risk																	
Item	Task / General Activities		Hazard & Risk Identified		Risks I.r.t the hazard		Severity Index										PPE	Signs	Corrective Action	Responsible Person & Time Frame	
					I	P	E	C	Total	Asses. Count	5 Points Each	Formula = points 5*5	Probability Index	Frequency Index	Risk Score	Risk Value					
1	Remove All Containers on Site for Repairs Lifting and transporting containers.		1.Crushing 2.Manual handling, 3.Tipping, 4.Mechanical failure. Injuries		5.		1. Health & safety (I)	5		5	1	5	125	4	5	100	80%	D,E,K	A,B	1.Ensure compliance to DBSA OHS requirements. 2. Use certified lifting equipment, 3. Site supervisor to ensure that all employees are equipped with the correct/necessary PPE and to ensure the utilisation of them. 4.Task specific HIRA to be completed before commencement of work. 5. Ensure proper securing of loads, and have trained operators.	Principal Contractor
						2. Cost (C)		5	5	1	5	125	4	5	100	80%					
						3. Productivity (P)		5	5	1	5	125	4	5	100	80%					
						4. Environment (E)		1	1	1	5	125	1	1	1	1%					
					Total Average Risk Value																
2	Repair All Damaged Areas in the Container Welding, cutting, or grinding.		1.Fire / Sparks, 2. Power tools, 3. Cuts, Strains, Fumes, Hot surface, 7. Eye Injuries		4, 5, 6.		1. Health & safety (I)	5		5	1	5	125	4	5	100	80%	C,D,E,K	L,B	1.Train personnel on use of power tools, 2.Site supervisor to ensure that all employees are equipped with the correct/necessary PPE (welding masks, gloves) 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, 5. Make use fire-resistant blankets, 6. Ensure thers enough ventilation, 7. Ensure Hot Work Permit system is utilised and all rules are followed.	Principal Contractor
						2. Cost (C)		5	5	1	5	125	4	5	100	80%					
						3. Productivity (P)		5	5	1	5	125	4	5	100	80%					
						4. Environment (E)		1	1	1	5	125	1	1	1	1%					
					Total Average Risk Value																
3	Supply and Install Floor Rubber Mat for All Containers & Extraction Fans Cutting and installing mats, Installing extraction fans.		1.Working at Heights, 2.Manual handling, 3. Electrical hazards, 4. Sharp tools.				1. Health & safety (I)	4		4	1	5	125	5	5	100	80%	D,E,K	A,B	1.Make use of ergonomic tools where necessary, ensure workers are trained in safe manual handling practices. 2.Site supervisor to ensure that all employees are equipped with the correct/necessary electrical work PPE such as insulated gloves and harnesses etc and to ensure the utilisation of them. 3. Task specific HIRA to be completed before commencement of work. 4.Isolate power 5.Make use of ladders safely at all times Secure tools.	Principal Contractor
						2. Cost (C)		4	4	1	5	125	5	5	100	80%					
						3. Productivity (P)		4	4	1	5	125	5	5	100	80%					
						4. Environment (E)		1	1	1	5	125	5	5	25	20%					
					Total Average Risk Value																
4	Paint All Containers (Inside and Outside) & Brand All Three Containers with DBSA Logo Painting inside containers, Painting exterior surfaces, Applying logos.		1.Chemical & Adhesive fumes, 2.Manua handling, Paint Splashes 4. Skin, eye irritation 5.Working at heights, 6. Respiratory & skin irritation, 7.Falls		3.		1. Health & safety (I)	4		4	1	5	125	4	5	80	64%	A,D,E,K	A,B	1. Ensure proper ventilation; 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 ladders safely at all times. 5. Use water-based paints where possible	Principal Contractor
						2. Cost (C)		4	4	1	5	125	4	5	80	64%					
						3. Productivity (P)		3	3	1	5	125	4	5	60	48%					
						4. Environment (E)		1	1	1	5	125	1	1	1	1%					
					Total Average Risk Value																
5	Repair and Replacement of Ceiling & Damaged Floor Supply and install ceiling board and repair ceiling bracket if damaged.Supply and installation damaged floor carpets in the offices if necessary.		1.Working at heights 2. Trip and slip 3.Dust exposure				1. Health & safety (I)	5		5	1	5	125	4	5	100	80%	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 in place. 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 and seal off area from others. 4. Ensure floor is dry 5. Use caution signage.	Principal Contractor
						2. Cost (C)		5	5	1	5	125	4	5	100	80%					
						3. Productivity (P)		5	5	1	5	125	4	5	100	80%					
						4. Environment (E)		1	1	1	5	125	1	1	1	1%					
					Total Average Risk Value																
6	Supply and Install LED Solar Lights for All Containers & Install Steel Stairs for Front Door Installing solar panels and lights. Installing steel stairs		1.Electrical hazards, 2.Manual Handling, 3.Working at height, Sharp edges		4.		1. Health & safety (I)	4		4	1	5	125	4	5	80	64%	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. Conduct training on manual handling, and make use of ergonomic tools where necessary. 4. Isolate power sources, 5. Provide fall protection, and ensure proper grounding of equipment. 6. Use proper lifting techniques, wear gloves, and ensure stairs are securely fastened.	Principal Contractor
						2. Cost (C)		4	4	1	5	125	4	5	80	64%					
						3. Productivity (P)		4	4	1	5	125	4	5	80	64%					
						4. Environment (E)		1	1	1	5	125	1	1	1	1%					
					Total Average Risk Value																
7	Waterproof All Document Containers & Install Front Rain Shelters Sealing and waterproofing, Assembling and installing.		1.Chemical exposure 2.Falling objects 3. Working at heights 4. Injuries				1. Health & safety (I)	4		4	1	5	125	4	5	80	64%	C,D,E,K	A,B	1. Site supervisor to ensure that all employees are equipped with the correct/necessary PPE ( chemical-resistant gloves, helmets and goggles), and to ensure the utilisation of them. 2. Task specific HIRA to be completed before commencement of work. 3. Conduct training on manual handling. 4. Ensure adequate ventilation.; 5. Provide harnesses for working at height.	Principal Contractor
						2. Cost (C)		3	3	1	5	125	4	5	60	48%					
						3. Productivity (P)		3	3	1	5	125	4	5	60	48%					
						4. Environment (E)		1	1	1	5	125	1	1	1	1%					
					Total Average Risk Value																