

HAZARD RISK ASSESSMENT

Name of Company:Ubhuti Services (PTY) LTD				Risk Assessment performed by: Johan Openshaw			Date reviewed: 20/07/2023		Page 1 of 4		
Ref no.	Activity	Hazard/Risk	Consequence	Consequence Rating 1 2 3 4 5	Likelihood, probability A B C D E	Risk Rating	Measures in Place	Management Action	Resp. Person	Department	Due Date
1	Handling units and heavy spares manually	1. Heavy objects falling on persons	Crushing of limbs, fractures, cuts and bruises	3	C	13 MED	Correct PPE, training and supervision	Continual awareness training and induction	Chanel	All	Ongoing
		2. Crushing by moving objects	Crushing of limbs, fractures, cuts and bruises	3	C	13 MED	Correct PPE, training and supervision	Continual awareness training and induction	Chanel	All	Ongoing
		3. Heavy objects lifted manually in incorrect manner	Back and muscular injuries	4	D	21 LOW	Training and supervision	Continual awareness training and induction	Chanel	All	Ongoing
2	Offloading, loading and moving of units, with forklift	1. Heavy objects falling on persons	Crushing of limbs, fractures, cuts and bruises	3	C	13 MED	Correct PPE training and supervision	Ensure that f/lift operator is licensed	Cindy	All	Ongoing
		2. Pedestrian accidents	Crushing of limbs, fractures, cuts and bruises	3	E	20 LOW	Supervision and awareness training	Ensure that f/lift operator is licensed	Cindy	All	Ongoing
		3. LPG gas release, explosion and Fire	Fatalities, serious burns, fractures and cuts, Smoke inhalations	1	D	7 MED	Supervision and awareness training Regular inspection of Equip.	Ensure that f/lift operator is licensed and fit fire extinguisher	Tino/ Cindy	All	Ongoing
		3. Vehicle accidents	Fractures and crushing of limbs	3	C	13 MED	Supervision and awareness training	As above	Chanel	All	Ongoing
3	Vehicles and forklift moving on premises	1. Pedestrian accidents	Crushing of limbs, fractures, cuts and bruises	3	C	13 MED	Supervision and awareness training	Continual awareness training and induction	Chanel	All	Ongoing
		2. Vehicle accidents	Fractures and crushing of limbs	3	D	17 LOW	Supervision and awareness training	Continual awareness training and induction	Chanel	All	Ongoing
		3. Damage to buildings, plant and equipment	Fractures and crushing of limbs	4	D	21 LOW	Supervision and awareness training	Continual awareness training and induction	Chanel	All	Ongoing
4	Stripping of units for inspection and evaluation	1. Uncontrolled release of compressed air	Eye damage, fractures , cuts and bruises	3	C	13 MED	Supervision and awareness training	Ensure correct PPE (glasses and overalls worn) Obtain MSDS's	Cindy	stripping	Ongoing
		2. Oil and solvent contamination	Skin irritation, eye injuries	5	D	24 LOW	Correct PPE training and supervision	As above	Cindy	stripping	Ongoing
		3.Removing old parts that are difficult to remove or stuck	Crushing of limbs cuts and bruises	4	C	18 LOW	Correct PPE training and supervision	as above	Cindy	stripping	Ongoing
5	Generally handling of heavy objects and assembly of units	1. Objects falling from workbench	Crushing of foot or other limb	4	C	18 LOW	PPE, training, supervision	Continual awareness training and induction	Foreman	All	Ongoing
		2.Object handled manually in incorrect way	Back and muscular injuries	4	C	18 LOW	Training and supervision	Continual awareness training and induction	Foreman	All	Ongoing
6	Cleaning units in Washbay	1. Solvent contamination and exposure	Skin irritation and eye damage	5	C	22 LOW	PPE, training, supervision + First aid	Continual awareness training and induction	Foreman	washbay	Ongoing
		2. handling slippery and abrasive parts	Cuts and bruises	5	C	22 LOW	Training and supervision	Continual awareness training and induction	Foreman	washbay	Ongoing
		3. Slippery and wet floor surface	Cuts and bruises	5	C	22 LOW	Training and supervision, correct PPE	Signage to be applied	Foreman	washbay	Ongoing
		4.Fire	Severe burns and smoke inhalation	3	D	17 LOW	Training and supervision and fire extinguisher placed. Correct PPE to be worn	Signage to be applied	Foreman	washbay	Ongoing
		5. Inhalation of fumes	Respiratory complications	4	D	21 LOW	First aid. Training and supervision. Correct PPE	Continual awareness training and induction	Foreman	washbay	Ongoing

7	Testing of units	1. Objects falling from workbench	Crushing of foot or other limb	4	C	18 LOW	Correct PPE, training and supervision	Continual awareness training and induction	Test bench operator	Testbench	Ongoing
		2.Object handled manually in incorrect way	Back and muscular injuries	4	C	18 LOW	Training and supervision	Continual awareness training and induction	Test bench operator	testbench	Ongoing
		3. Uncontrolled release of Hydraulic oil	Amputation, fatality, fractures, cuts and bruises, Eye injuries	2	C	8 MED	Correct PPE, training and supervision and regular inspections of equip. Only authorised operator operated the test bench	Signage to be erected and Obtain MSDS	Test bench operator	Testbench	Ongoing
		4. slippery work and floor spaces	Cuts and bruises	5	C	22 LOW	Training and supervision	n/a	Test bench operator	Testbench	Ongoing
		5. Noise	Hearing damage	4	C	18 LOW	Correct PPE, training and supervision	n/a	Test bench operator	Testbench	Ongoing
		6.Moving hydraulic parts and machinery	Amputation, fatality, fractures, cuts and bruises.	2	C	8 MED	Correct PPE, training and supervision	Signage to be erected and only authorised staff to use test bench	Test bench operator	Testbench	Ongoing
8	Using Lathes, Milling machines, drill presses, bench grinders and cut-off saws, Surface grinders.	1. Rotating and moving parts, clothes caught in rotating parts	Amputations, fractures and lacerations	3	C	13 MED	Training , supervision, only qualified staff allowed to operate, correct PPE	General safety awareness talks and signage	Foreman	Engineering workshop	Ongoing
		2. Flying debris from jobs and broken tools	Lacerations, fractures and eye damage	4	C	18 LOW	As above	as above	Foreman	Engineering workshop	Ongoing
		3. Job falling out of or from machine	Crushing of limbs	4	C	18 LOW	As above	as above	Foreman	Engineering workshop	Ongoing
9	Sandblasting	1. Flying abrasive material	Eye and skin damage	4	D	21 LOW	As above	As above	Foreman	Sandblasting	Ongoing
10	Storage and handling of old and new oils and paraffin	1. Spillage onto floor	Slipping and cutting and bruising as well as muscular injuries	4	C	18 LOW	Correct PPE, training and supervision and oil separator installed	Obtain MSDS's	Cindy	outside storage	Ongoing
		2. Fire	Burns and smoke inhalation	5	D	24 LOW	Training and supervision, correct PPE, Fire extinguishers placed	Continual awareness training and induction	Foreman	outside storage	Ongoing
		3. Fumes	Inhalation of fumes	5	D	24 LOW	Training and supervision. Correct PPE	Continual awareness training and induction	Foreman	outside storage	Ongoing
11	CO2 and Arc Welding	1.Hot surfaces	Burns	3	C	13 MED	Correct PPE, training and supervision. Only authorised persons to work here	continual awareness training and induction	welder	Welding	Ongoing
		2. Flying debris and sparks	Eye and skin damage	4	C	18 LOW	Correct PPE, training and supervision	Continual awareness training and induction	welder	Welding	Ongoing
		3. Electrical shock with arc welders	Electrocution	3	C	13 MED	Correct PPE, training and supervision and regular inspections	Continual awareness training and induction	welder	Welding	Ongoing
		4. Explosion and fire	Fatality, burns, amputations and fractures	2	C	8 MED	Training and supervision Correct PPE and fireextinguishers placed	Induction and only authorised personell to use	welder	Welding	Ongoing
12	Using Grinders bench grinders and electric drills	1.Hot surfaces generated by friction	Burns	4	C	18 LOW	Training, supervision and correct PPE	Continual awareness training and induction	Foreman	all	Ongoing
		2. Flying debris and sparks	Eye and skin damage	4	C	18 LOW	Training, supervision and correct PPE	As above	Foreman	All	Ongoing
		3. Electrical shock	Electrocution	3	C	13 MED	Regular inspections of equipment	General safety awareness talks	Foreman	All	Ongoing
		4. Breaking tools and discs	Cuts and bruises	3	C	13 MED	Training and supervision	General safety awareness talks	Foreman	All	Ongoing
		5. Noise	Hearing damage	3	C	13 MED	Correct PPE, training and supervision	General safety awareness talks and signage	Foreman	All	Ongoing
13	Using of lifting equipment, chainblocks and slings	1. Falling of heavy objects	Crushing of limbs, fractures, lacerations and bruises	4	C	18 LOW	Only aithorised staff may use, PPE and regular inspections of equip.	Continual awareness training and induction	Foreman	All	Ongoing
		2. Uncontrolled movement of goods while on lifting device	Crushing of limbs, fractures, lacerations and bruises	4	C	18 LOW	Only aithorised staff may use, PPE and regular inspections of equip.	Continual awareness training and induction	Foreman	All	Ongoing



