Treadfirst Tyre and Exhaust Ltd
4 Martins Road
Chilton Industrial Estate
Sudbury
CO10 2FT

Risk Assessment

1.0 Risk Assessment Details

1.1 Risk Assessment Number	**0000000025**
1.2 Risk Assessment Date	**24/09/2024**
1.3 Risk Review Date	**05/11/2025**
1.4 Risk Assessment Author	Keith Ambrose
1.5 Project/Contract	Internal Power Tools Risk Assessment
1.6 Start Date	10/07/2024
1.7 Expected Job Duration	Ongoing
1.8 Client Contact	N/A
1.9 Description	Safe Use of Power Tools
1.10 Site Address	All sites

2.0 Signatures

	Name	Title	Signature	Date
Document Author	Keith Ambrose			24/09/2024

Data Protection Statement

The information and data provided herein applies only to the contract for which it was written, it shall not be duplicated, disclosed or disseminated by the recipient in whole or in part for any purpose whatsoever without the prior written permission from HS Direct..

It is the duty of all employees to observe the following Risk Assessment framed to provide a code of good practice and conduct with the object of preventing accidents. At all times employees must work in a safe manner both to prevent personal injury to themselves or to other personnel.

3.0 Individuals or Groups Affected By This Assessment

Groups Affected
Employees
Other Contractors

Main Contractor
Treadfirst Tyre & Exhaust Ltd

4.0 Hazards and Control Procedures :

Pre-Control			Hazard: Slips Trips and Falls	Residual Risk		
P	S	RR	Bruising, Cuts, Broken Limbs - Caused by items left on the floor, water, oil and other slippery surface or poor footwear	P	S	RR
4	3	12	**Control Procedures**	2	3	6
			Staff must wear suitable footwear with non slip soles.			
			Staff will ensure that good standards of housekeeping are maintained at all times, cables and other equipment will be managed so as not to cause a trip hazard.			

Pre-Control			Hazard: Tripping/Poor Housekeeping	Residual Risk		
P	S	RR	Bruising, Cuts, Broken Limbs - Falls, wrenched muscles & displaced joints. Cuts, abrasions, musculoskeletal injuries.	P	S	RR
4	3	12	**Control Procedures**	2	3	6
			All staff will wear suitable footwear at all times.			
			Ensure that all air lines, cable reels and extraction hoses are correctly stored after use.			
			Ensure that all passage ways are kept clean and tidy and that all Fire Escape routes are free from obstruction.			

Pre-Control			Hazard: Manual Handling	Residual Risk		
P	S	RR	Muscular skeletal disorders - Twisting, Over-reaching, muscular problems, poor techniques load too heavy	P	S	RR
4	3	12	**Control Procedures**	2	3	6
			All personnel must be trained in safe lifting technique to prevent injury.			
			Staff must assess each manual handling situation and use mechanical aids for lifting where appropriate.			
			Staff will not lift beyond their capabilities, and will seek help for any load they consider too heavy or hazardous to lift.			

Pre-Control			Hazard: Sharp Objects	Residual Risk		
P	S	RR	Cuts, serious injury	P	S	RR
4	3	12	**Control Procedures**	2	3	6
			Operatives are aware of potential for sharp edges and fash on part machined components.			
			Suitable cut resist safety gloves will be provided and worn during all handling operations.			

Pre-Control			Hazard: Injury from machine hazards	Residual Risk		
P	S	RR	Serious Injury	P	S	RR
4	5	20	**Control Procedures**	1	5	5
			All employees must have received instruction in the safe use and operation.			

Pre-Control			Hazard: Electrocution	Residual Risk		
P	S	RR	Death, Serious Injury, Burns - Contact with live conductors and earth may cause electrocution or burns. Electrocution may cause heart stoppage through electric shock.	P	S	RR
4	5	20	**Control Procedures**	1	5	5
			All electrical equipment is inspected and PAT tested annually.			
			Electrical work will be carried out by trained and qualified electricians.			
			Fixed machines must have conduits and cables regularly checked for damage to prevent any potential for electric shock.			
			Visually check electrical equipment regularly and before use. Call a qualified electrician for testing and repair of faulty or suspect equipment.			

Pre-Control			Hazard: Entanglement	Residual Risk		
P	S	RR	Bruising, Cuts, Crushing, Broken Limbs, Amputation, Death.	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			Ensure all guards are in position while running rotating machinery.			
			Ensure that no loose clothing is worn.			

Pre-Control			Hazard: Unexpected Movement	Residual Risk		
P	S	RR	Death, serious injury, minor injuries, near miss	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			Cutter head drive must be isolated during cutter change / inspection to prevent accidental switching and movement.			
			Machine must be immobilised by Emergency Stop isolator during cleaning, tool change and set up operations.			

Pre-Control			Hazard: Fire on Site	Residual Risk		
P	S	RR	Accidental fires may cause Burns, Asphyxiation, Blast injuries, Respiratory damage may be caused through toxic smoke.	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			Ensure all staff are aware of Emergency Assembly Point location.			
			Ensure all staff are aware of site fire plan.			
			No Smoking Allowed other than in designated areas.			

Pre-Control			Hazard: Noise	Residual Risk		
P	S	RR	Hearing damage	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			All staff must wear the appropriate ear defenders in noisy areas.			
			Where ambient noise levels cannot be controlled below 80 dBa, the employer may identify the area as a mandatory Hearing Protection Zone. All personnel within the area MUST wear hearing protection provided.			

Pre-Control			Hazard: Vibration from cutting / grinding / drilling tools	Residual Risk		
P	S	RR	Muscular, Circulatory damage, Material damage.	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			Ensure that all equipment used is of a low vibration specification and is checked before use.			
			Minimise the time workers are exposed to vibration by job rotation, i.e. workers will be given rest periods or other tasks to perform.			

Pre-Control			Hazard: High Levels of Dust	Residual Risk		
P	S	RR	Respiratory irritation, Lung damage, Eye damage, Fire, Explosion.	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			Appropriate dust masks will be worn where dust can not be adequately controlled.			
			Ensure the area is well ventilated prior to starting work.			

Pre-Control			Hazard: Power Tools	Residual Risk		
P	S	RR	Cutting stabbing Penetrating wounds, Entanglement with tool bits, Lacerations, eye damage. Lack of maintenance and use of defective tools are common causes of injuries. Improper use of equipment poor training may cause injuries to operators and others.	P	S	RR
4	4	16	**Control Procedures**	1	4	4
			A visual inspection must be carried out prior to use, any defects must be reported and the equipment withdrawn from service for repair or replacement.			
			All power tools and machinery must comply with the Provision and Use of Work Equipment Regulations 1998.			
			All power tools must be 110 volt maximum for use on site.			
			Company power tools are PAT tested on an annual basis.			
			Only trained and experienced operatives are allowed to use Power tools, inexperienced or young workers are kept under strict supervision whilst using power tools.			

Pre-Control			Hazard: Cutting, Shearing, Stabbing	Residual Risk		
P	S	RR	Cuts, Amputation, Puncture wounds.	P	S	RR
4	3	12	**Control Procedures**	1	3	3
			Keep away from moving parts and use guards / shields where possible.			

Pre-Control			Hazard: Poor lighting	Residual Risk		
P	S	RR	Bruising, Cuts, Broken Limbs - Increased chance of Slips Trips and falls	P	S	RR
4	3	12	**Control Procedures**	1	3	3
			Ensure adequate visibility by use of low voltage or battery task lighting as necessary.			

Pre-Control			Hazard: Flying Debris	Residual Risk		
P	S	RR	Injury	P	S	RR
4	3	12	**Control Procedures**	1	3	3
			Ensure correct PPE is worn at all times.			

Probability (P)	Severity (S)	Risk Ranking (RR = P * S)
1 Highly Unlikely	1 Trivial	< 1 - No Action Required
2 Unlikely	2 Minor injury	> 2 - Low Priority
3 Possible	3 Over 3 Day injury	> 8 - Medium Priority
4 Probable	4 Major injury or condition	>10 - High Priority
5 Certain	5 Incapacity or Death	>15 - Urgent Action Required

5.0 Required PPE

Eye protection

First Aid Kit

Overalls

Safety footwear

Sign Off Sheet

I have read and understood the contents of this Risk Assessment.

Anything I did not understand has been explained to me to my satisfaction.

I agree to follow the Risk Assessment and understand that any control procedures are provided for my safety and the safety of others.

Print Name	Signed	Date

Dynamic Risk Assessment

Please note a copy of this Dynamic risk assessment must be returned to Head office complete with signatures.
Tick items covered by the risk assessment, then list on the table below hazards and controls for the additional items involved on this job.

HAZARD		HAZARD		HAZARD		HAZARD		HAZARD		HAZARD		HAZARD	
Access / Egress		Adverse Weather		Asbestos		Biological		Excavations		Exposure to Gas / Gases		Movement of Vehicles	
Chemicals		Confined Space		Dusts / Particles		Electrical		Other Contractors		Limited Headroom		Moving Machinery	
Lone Working		Fire		Fumes		Lighting		Flooding		Noise		Scaffold	
Work at Height		Slips, Trips or Falls		Extreme Temperatures		Demolition Works		Work Near Water		Vibration		Wastes	
Uneven Surfaces		Use of Ladders / Stepladders		Ventilation		Vermin / Weils Disease		Overhead Cables		Hidden Services		Manual Handling	

ADDITIONAL TASK(S) OR HAZARDS NOT COVERED BY THE ORIGINAL RISK ASSESSMENT

Dynamic Risk Assessment (to be completed if a new significant hazard is identified when commencing work on site)

Additional Hazards identified	Injury risk identified eg cuts, burns etc	Control measure adopted	Likelihood (L)	Severity (S)	Risk ranking (LxS)	Proceed (Y/N)	Supervisor signature	Client signature

15 - 25 = High Risk - STOP - advise your supervisor that the risk is high and seek further advice.
8 - 12 = Medium Risk - CAUTION proceed but take extra precautions
1 - 6 = Low Risk - PROCEED with task maintaining controls