

## Risk Assessment

### 1.0 Risk Assessment Details

1.1 Risk Assessment Number	0000000040
1.2 Risk Assessment Date	05/11/2024
1.3 Risk Review Date	05/11/2025
1.4 Risk Assessment Author	Keith Ambrose
1.5 Project/Contract	Bench grinder
1.6 Start Date	24/09/24
1.7 Expected Job Duration	Ongoing
1.8 Client Contact	Treadfirst Tyre and exhausts
1.9 Description	The safe use of a bench grinder in the work place
1.10 Site Address	

### 2.0 Signatures

	Name	Title	Signature	Date
Document Author	Keith Ambrose			05/11/2024

#### 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
Members of Public
Sub Contractors
Main Contractor

### 4.0 Hazards and Control Procedures :

Pre-Control			Hazard: Particles and Debris Ejected From Work Equipment or Tools	Residual Risk		
P	S	RR		P	S	RR
			Risk of injury/ill-health due to dust/particles being ejected during the processing activities.			
4	3	12	<b>Control Procedures</b>	2	3	6
			Eye protection supplied to BS EN 166 & relevant to the work activity hazard			
			Eye wash station provided for first aid treatment for debris/dust etc. in eyes			
			Fixed guards in place at all times & regularly checked			

Pre-Control			Hazard: Vibration from cutting / grinding / drilling tools	Residual Risk		
P	S	RR		P	S	RR
			Muscular, Circulatory damage, Material damage.			
4	2	8	<b>Control Procedures</b>	3	2	6
			All equipment will be maintained and serviced regularly to ensure smooth operation within the specified manufactures guidelines.			
			Check vibration level of tool and refer to the HSE HAVS ready reckoner for exposure times and limits.			
			HAVS (hand arm vibration syndrome) levels to be monitored and activity to be rotated between operatives to ensure that exposure stays within the recommended safe levels.			
			Supervisor to brief workers on hazards and control measures.			
			Trigger time for drills and grinders will be extremely low, if they are used at all. Grinders used are of a low emission specification and do not cause users to exceed daily action levels.			
			Wear correct PPE, keep hands warm and dry to ensure good circulation.			

Pre-Control			Hazard: Flying debris	Residual Risk		
P	S	RR		P	S	RR
			Injury to eyes and skin			
4	4	16	<b>Control Procedures</b>	1	4	4
			Safety goggles must be worn to prevent eye injury.			
			Suitable guarding to be positioned to contain flying debris where others may be affected.			

Pre-Control			Hazard: Manual Handling	Residual Risk		
P	S	RR		P	S	RR
			Muscular skeletal disorders - Twisting, Over-reaching, muscular problems, poor techniques load too heavy			
4	3	12	<b>Control Procedures</b>	1	3	3
			Manual Handling Risk Assessment Carried Out			
			Manual handling training is provided			

Pre-Control			Hazard: Cutting, Shearing, Stabbing	Residual Risk		
P	S	RR	Cuts, Amputation, Puncture wounds.	P	S	RR
4	2	8	<b>Control Procedures</b>	1	2	2
			Keep away from moving parts and use guards / shields where possible.			
			Make sure equipment is switched off and made safe after use.			
			Operatives to be trained and deemed competent to use specialist machine tools.			

Pre-Control			Hazard: Housekeeping	Residual Risk		
P	S	RR	slips trips fracture	P	S	RR
4	2	8	<b>Control Procedures</b>	1	2	2
			Housekeeping will be regularly monitored in the workplace			

Pre-Control			Hazard: Friction/Abrasion	Residual Risk		
P	S	RR	Burns, Bruising, Cuts.	P	S	RR
4	1	4	<b>Control Procedures</b>	1	1	1
			All wheels/discs to be inspected prior to use/mounting.			
			Operatives have been trained and deemed competent to operate hand grinders.			
			Operators shall not apply excessive pressure to the disc during the cutting operation and shall ensure that the correct speed is used for the disc.			
			Use correct equipment to keep material in place when using abrasive wheel.			

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	 Hand Protection	 Overalls
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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

<u>Print Name</u>	<u>Signed</u>	<u>Date</u>

## 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