


Risk Assessment

1.0 Risk Assessment Details

1.1 Risk Assessment Number	0000000002
1.2 Risk Assessment Date	16/07/2024
1.3 Risk Review Date	10/07/2025
1.4 Risk Assessment Author	Phil Collins
1.5 Project/Contract	Internal Compressor risk assessment
1.6 Start Date	10/07/2024
1.7 Expected Job Duration	Ongoing
1.8 Client Contact	N/A
1.9 Description	Air Compressor
1.10 Site Address	All sites

2.0 Signatures

	Name	Title	Signature	Date
Document Author	Phil Collins			16/07/2024

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
			All staff will keep the working area tidy and remove trip hazards as and when they occur.			
			Ensure walkways and Emergency Escape routes are kept clear of obstruction at all times.			
			Personnel will wear safety boots with non-slip soles at all times.			
			Specified footwear will be provided for use to prevent slipping and provide protection.			
			Water hoses will be routed to the side of walking areas to prevent trip hazards.			

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 staff have been trained in correct lifting methods.			
			Staff will not lift beyond their capabilities, and will seek help for any load they consider too heavy or hazardous to lift.			
			Team lifting to be used when loads are heavy or awkward.			
			Where possible, mechanical lifting aids will be used to deliver and position heavy items.			

Pre-Control			Hazard: Explosion	Residual Risk		
P	S	RR	Death, Major Injury, Minor Injury	P	S	RR
4	5	20	Control Procedures	1	5	5
			The pressure vessel must be inspected and tested in compliance with Pressure vessel regulations at the specified frequency.			

Pre-Control			Hazard: Electrocutation	Residual Risk		
P	S	RR	Death, Serious Injury, Burns - Contact with live conductors and earth may cause electrocution or burns. Electrocutation may cause heart stoppage through electric shock.	P	S	RR
4	5	20	Control Procedures	1	5	5
			All electrical installations will be inspected and tested to ensure continued safety in operation or use.			

Pre-Control			Hazard: Noise	Residual Risk		
P	S	RR	Hearing damage	P	S	RR
4	5	20	Control Procedures	1	5	5
			Operatives must wear hearing protection at all times when the machine is in use.			
			Where noise levels are likely to be above 85 dB(A) the employer must reduce noise levels below 80 dB (A) through engineering controls other than by the provision of personal hearing protection.			

Pre-Control			Hazard: Vibration from cutting / grinding / drilling tools	Residual Risk		
P	S	RR	Muscular, Circulatory damage, Material damage.	P	S	RR
4	5	20	Control Procedures	1	5	5
			Ensure that all equipment used is of a low vibration specification and is checked before use.			
			Issue anti-vibration gloves prior to start of operation.			
			Minimise the time workers are exposed to vibration by job rotation, i.e. workers will be given rest periods or other tasks to perform.			
			Where there is a risk that operatives will be exposed to vibration above the daily exposure action value, a suitable and sufficient risk assessment will be carried out and control measures implemented to reduce the exposure to the lowest level that is reasonably practicable.			

Pre-Control			Hazard: Compressed air	Residual Risk		
P	S	RR	puncture wounds, eye damage, inhalation, death.	P	S	RR
4	4	16	Control Procedures	1	4	4
			All air lines are fitted with quick release fittings which prevent accidental air loss upon disconnection of tools.			
			Check that the compressed air line is in undamaged condition and that fittings are leak free when pressurised. Report any leaks immediately.			
			Do not direct compressed air or other compressed gasses onto the skin or soft tissue such as the eyes as it can enter the blood stream and cause serious health complications.			
			Receiver is drained off frequently to prevent water vapour contaminating air supply.			
			The compressor is on maintenance contract and serviced regularly.			

Pre-Control			Hazard: Compressed Gases or Fluids	Residual Risk		
P	S	RR	Puncture wounds, Inhalation, Ingestion, Eye damage.	P	S	RR
4	4	16	Control Procedures	1	4	4
			Check all fittings are secure and leak free.			
			Check gun is clean and trigger operates correctly.			
			Check hoses are undamaged.			

Pre-Control			Hazard: Injury from machine hazards	Residual Risk		
P	S	RR	Serious Injury	P	S	RR
4	4	16	Control Procedures	1	4	4
			All guarding to moving parts must be in good condition and fitted securely in place.			
			Maintenance personnel must be trained and fully aware of machine functions. Must be able to ensure safe conditions to prevent harm prior to commencing works.			

Pre-Control			Hazard: Stored Energy	Residual Risk		
P	S	RR	Puncture wounds, Inhalation, Eye damage.	P	S	RR
4	4	16	Control Procedures	1	4	4
			All sources of stored energy are to be identified by a competent person and appropriate procedures to be determined to dissipate all stored energy within the plant or equipment.			

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



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

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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