

## Risk Assessment

### 1.0 Risk Assessment Details

1.1 Risk Assessment Number 0000000060  
1.2 Risk Assessment Date 23/01/2025  
1.3 Risk Review Date 23/01/2026  
1.4 Risk Assessment Author Keith Ambrose  
1.5 Project/Contract Using Compressed Air  
1.6 Start Date  
1.7 Expected Job Duration  
1.8 Client Contact  
1.9 Description Using compressed air  
1.10 Site Address

### 2.0 Signatures

	Name	Title	Signature	Date
Document Author	Keith Ambrose			23/01/2025

#### 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.

#### Main Contractor

### 3.0 Hazards and Control Procedures :

Pre-Control			Hazard: Compressed air	Residual Risk		
P	S	RR		P	S	RR
			puncture wounds, eye damage, inhalation, death.			
3	1	3	<b>Control Procedures</b>	1	1	1
			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.			
			Compressed air supply to be isolated at manual valve and system vented to de-energise prior to locking off.			
			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.			
			Horseplay is strictly forbidden.			
			Only personnel with sufficient information, instruction and training can operate the equipment			
			Operatives experienced in responsible use of compressor. Compressor visually checked before each use and any faulty parts replaced			
			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 Air-Related Injuries	Residual Risk		
P	S	RR		P	S	RR
			Blast Injuries Injury Type			
4	1	4	<b>Control Procedures</b>	1	1	1
			Always use a pressure regulator on the air line and avoid over-inflating tyres.			
			Ensure the air supply is set to the manufacturer's recommended pressure limits for inflation.			
			Regularly inspect air hoses and connections for wear or damage.			

Pre-Control			Hazard: Compressed Gases or Fluids	Residual Risk		
P	S	RR		P	S	RR
			Puncture wounds, Inhalation, Ingestion, Eye damage.			
4	1	4	<b>Control Procedures</b>	1	1	1
			Check all fittings are secure and leak free.			
			Check gun is clean and trigger operates correctly.			
			Check hoses are undamaged.			
			Ensure pressure regulator is set as manufacturer instruction.			
			Ensure that any pressure is released prior to work commencing.			

Pre-Control			Hazard: Explosive Separation of Rim Parts	Residual Risk		
P	S	RR		P	S	RR
			Explosive Rim Separation			
4	1	4	<b>Control Procedures</b>	1	1	1
			Ensure that air pressure is controlled and monitored during inflation.			
			Follow manufacturer's instructions for correct assembly of the rim and tyre.			
			Workers must never stand directly in the trajectory of the split rim while inflating the tyre.			

Pre-Control			Hazard: Use Of Compressed Air	Residual Risk		
P	S	RR		P	S	RR
			Risk of injury due to skin penetration, explosions and eye injuries caused by particles created.			
4	1	4	<b>Control Procedures</b>	1	1	1
			Access to Air Compressor Free From Obstructions			
			Only personnel with sufficient information, instruction and training can operate the equipment.			



## 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