

ACTIVITY	PERSON AT RISK	SIGNIFICANT HAZARDS	RISK*			RISK CONTROL MEASURES	RESIDUAL RISK**		
			P	S	DR		P	S	DR
Lifting of wheel and tyre units	Technician	Risk of manual handling related injury	4	3	12	<ul style="list-style-type: none"> All staff to be aware of and use Manual Handling procedures during the lifting of wheels and tyres and combined units. *Please refer to manual Handling Risk Assessment. Staff to have received manual handling training. Assistance to be sought if deemed necessary. Area to be kept clear of obstructions. 	1	3	3
Deflating tyres	Technician	Risk of personal injury from high air pressure	4	3	12	<ul style="list-style-type: none"> Staff to have received training on tyre deflation procedure. All tyres to be deflated by removing the valve core - no other method permitted. Staff to ensure that when removing valve core, it is pointing away from themselves and other colleagues. PPE eyeglasses available for use if required. PPE protective gloves available for use if required. 	1	3	3
Operating Bead breaker	Technician	Risk of personal injury, including trapping and crushing body parts in machine	4	4	16	<ul style="list-style-type: none"> Staff to have received training on safe operation of bead breaker. PPE eyeglasses available for use if required. PPE protective gloves available for use if required. Hands must always be kept clear of breaker blade. Manufacturer's operating instructions and observance of safety procedures to be always followed. 	1	4	4

ACTIVITY	PERSON AT RISK	SIGNIFICANT HAZARDS	RISK*			RISK CONTROL MEASURES	RESIDUAL RISK**		
			P	S	DR		P	S	DR
Operating turntable on tyre machine	Technician	Risk of personal injury from items becoming caught in turntable	4	3	12	<ul style="list-style-type: none"> Staff to have received training on safe operation of tyre machine. Potential hazards minimised by careful siting of the equipment away from distractions, throughfares etc, i.e. to minimise tripping hazards. Neck ties must be removed before operating. Long hair including beards must be tied out of the way before operating. Loose items of clothing must be removed or secured before operating. Manufacturer's operating instructions and observance of safety procedures to be followed at all times. Inherent safety features, including interlocks / emergency cut-offs? PPE eyeglasses available for use if required. PPE protective gloves available for use if required. 	1	3	3
Operating lever arm	Technician	Risk of personal injury, including trapping body parts in machine	4	3	12	<ul style="list-style-type: none"> Staff to have received training on safe operation of lever arm. Potential hazards minimised by careful siting of the equipment away from distractions, throughfares etc, i.e. to minimise tripping hazards. Hands must be kept clear of wheel assembly when lowering lever arm. Hands must stay well clear of lever arm when operating turntable. Manufacturer's operating instructions and observance safety procedures to be always followed. Inherent safety features, including interlocks / emergency cut-offs? PPE eyeglasses available for use if required. PPE protective gloves available for use if required. 	1	3	3

ACTIVITY	PERSON AT RISK	SIGNIFICANT HAZARDS	RISK*			RISK CONTROL MEASURES	RESIDUAL RISK**		
			P	S	DR		P	S	DR
Inflating car and LCV tyres	Technician	Explosion of tyre / wheel assembly through over inflation or due to unseen damage to structure of tyres/wheel unit	3	4	12	<ul style="list-style-type: none"> Staff to have received training on safe tyre inflation. If the wheel is considered unsafe in any way, then a tyre should not be fitted. Air gauges to be checked for faults and calibrated 6 monthly On no account should the following pressure be exceeded: Trailer Tyre, 6PLY – 60PSI Wheelbarrow tyre – 26PSI *for more information please refer to the Health & Safety Policy manual. Guidance information under HSE indg433 adopted as safe working procedure. 	1	4	4
Wheel Balancing	Technician	Risk of personal injury, including trapping by entanglement in rotating parts, clothing and body parts becoming caught on spindle, ejection of loose objects	4	3	12	<ul style="list-style-type: none"> Staff to have received training on safe operation of wheel balancer. Potential hazards minimised by careful siting of the equipment away from distractions, throughfares etc, i.e. to minimise tripping hazards. Neck ties must be removed before operating. Long hair including beards must be tied out of the way before operating. Loose items of clothing must be removed or secured before operating. Interlocked guarding of all drive shafts and rotating wheel (?) wheel guard must be used. Manufacturer's operating instructions and observance of safety procedures to be followed at all times. PPE eyeglasses available for use if required. PPE protective gloves available for use if required. 	1	3	3

Use of bead cheater	Workshop staff	Risk of personal injury from compressed air and explosion of pressurized tank	1	5	5	<ul style="list-style-type: none"> • Staff to have received training on safe operation of bead cheater. • Neck ties must be removed before operating. • Manufacturer's operating instructions and observance of safety procedures to be followed at all times. • PPE eyeglasses available for use if required. • PPE protective gloves available for use if required. • Always release air away from yourself and other colleagues. • Bead Cheaters to be inspected for corrosion, all cheaters to be disposed of after 5 years. • Engineer's / insurance inspection of pressure vessels? 	0	5	0

PROBABILITY (P) = Remote (0) – Unlikely (1) – Possible (2) - Probable (3) – Very Likely (4) – Certain (5)

SEVERITY (S) = No injury (0) – Minor Injury (1) – First-aid Injury (2) – 3 Day Injury (3) – Major Injury (4) – Fatality/Disability (5)

DEGREE OF RISK (DR) = PROBABILITY x SEVERITY

* Risk identified in the absence of any control measures in place.

** Residual risk is the level of risk that remains after suitable and sufficient risk control measures are introduced

Signature Sheet

Signed originator	Keith Ambrose	Job title	Director
Date completed	1 st February 2025	Date for revision	March 2026

Document Control			
Version	Date	Comment	Person
1	01/02/2025	Original document drafted	Keith Ambrose
2			
3			
4			

Risk Assessment Matrix – Multiply the scores Probability (P) x Severity (S) to determine Degree of Risk (DR)

			Probability					
			(0)	(1)	(2)	(3)	(4)	(5)
Severity			Remote	Unlikely	Possible	Probable	Very Likely	Certain
			No Injury	(0)	0	0	0	0
Minor Injury	(1)	0	1	2	3	4	5	
First-Aid Injury	(2)	0	2	4	6	8	10	
3 Day injury	(3)	0	3	6	9	12	15	
Major injury	(4)	0	4	8	12	16	20	
Fatality/Disability	(5)	0	5	10	15	20	25	

Low	0 - 2	Monitor	Tolerable risk. No additional controls required. Employees made aware of safe/correct systems of work.
Medium	3- 9	Improvement	Action may be required to further reduce the risk to acceptable level. Periodic review of process or activity.
High	10 +	Immediate Action	Unacceptable risk. Stop activity immediately. Inform next level of management and refer to Safety Co-ordinator. Possible cessation/withdrawal of process or activity