A23 TRAILER REPAIRS

RISK ASSESSMENT

MSU - General Work Activities

Location:	All MSU Operations	**Subject:**	Mobile Service Units - General Work Activities.
Document Ref:	A23 RA1 030 Version 1		

Job Analysis - typical tasks:

Mobile Service Technicians conduct a wide range of duties on customer sites including routine servicing, repairs, and breakdowns. The range of tasks is wide but would typically include driving, manual handling, use of hand & power tools, working at height, hot work (welding, cutting & grinding) plus laptop system diagnostic work. Each MSU will work from a fully equipped mobile service van to perform the work in a safe manner.

Work Restrictions:

- **Double Decks / Step Frames / Low Loaders:** MSU technicians are not permitted to service these on a customer site unless a vehicle inspection pit or ramps are available. They must be presented to a suitable workshop location.
- No MSU technician is permitted to access the roof of a trailer/vehicle whilst on a customer site for any reason.
- No work is to be conducted under a jacked-up trailer or vehicle until it is correctly supported by suitable axle stands.
- No work is to be conducted under a tilted/raised vehicle cab unless it is suitably supported by a cab prop.
- MSU technicians must report to the customer upon arrival and adhere to any special work procedures or permit-to-work restrictions applicable to the site.

Who may be harmed?	Injuries Anticipated	Hazards Anticipated
• MSU Technicians. • Customers Employees. • Members of the Public.	• Crush injuries. • Manual handling injuries. • Slips, trips, or falls (same level & height). • Head & Eye injuries (under trailer). • Hit by falling or flying objects. • Chemical exposure.	• Vehicles and transport. • Plant and machinery. • Working at heights. • Fire / Electricity. • Chemicals / Noise. • Lone Working.

Base Line Risk Assessment

Severity of risk / injury		Likelihood of risk / injury	
No Injury (1)	Minor Injuries (2)	Extremely unlikely (1)	Unlikely (2)
Major Injuries (3)	Fatal (4)	Likely (3)	Very Likely (4)

A23 Trailer Repairs Risk Level Calculation Formula: (Risk Level = severity x likelihood)

HIGH 9 - 12 HALT the activity immediately. Review & reduce the risks identified.	**MEDIUM 6 to 8** Inform management & seek further advice before proceeding.	**LOW 1 to 5** Review the operation / activity & take any steps necessary to reduce & control the risks.

Control measures should be in the order of ELIMINATE; ISOLATE; SUBSTITUTE; REDUCE; CONTROL

Existing control measures:

- **Unknown site:** Report to the customer immediately upon arrival. Discuss scope of work and adhere to any permits or restrictions.
- **Collision hazards:** Assess the work area prior to commencing work. Work areas should not be located on corners, blind bends, or other areas at high risk of accidents involving moving vehicles or forklifts.
- **Slips, Trips and Falls:** Floor conditions must provide a solid and stable base for jacking. Work in a clean-as-you-go process, minimizing trailing cables and tidying tools at the end of each job.
- **Crush Injuries / LOTO:** Primary LOTO device is parking the MSU across the front of the trailer to prevent movement or coupling. Alternatively: remove keys from unit, lock doors, keep keys in possession, and ensure driver is not in cab. Use wheel chocks without exception. Lock shutter/doors if on a loading bay.
- **Manual Handling:** Apply safe manual handling techniques. Ask for help and carry out two-man lifts rather than struggling, especially when maneuvering parts into restricted spaces.

Hazard Specific Controls:

Head and eye injuries: Wear a bump cap and eye protection whilst under a trailer or vehicle.

Exposure to noise: Wear hearing protection (over ear or inner ear) whilst operating power tools.

Hand and power tools: Use the correct tooling. Inspect before and after use. Remove defective tooling immediately.

Lone Working: Utilize the approved lone worker system via mobile phone if working on an unmanned site with limited communication.

Exposure to chemicals (COSHH): Chemicals (penetrating oil, brake cleaner, grease) must be stored in minimal quantities in clearly labelled manufacturer containers. Use spill kits for minor spills. Report any external chemical spills from loads immediately.

Fire hazard & Hot Work: Hot work is not permitted on some sites. If permitted, clean area of flammables, have an extinguisher ready, and consider load details. Do not conduct hot work near 3rd parties. Use welding screens to prevent arc eye injuries. Keep company vehicles clean and free of fire risks. Acetylene is not permitted on MSU vehicles.

Falling Objects: After working at height, double-check the area to ensure all tooling and parts are removed and accounted for.

Details of Personal Protective Equipment (PPE) requirements:

- A23 allocated overalls.
- Safety Boots.
- High-Visibility Jacket.
- Hard Hat / Bump Cap (under trailers).
- Safety Glasses / Face Shield / Welding Mask (task dependent).
- Gloves when manual handling.
- Ear Defenders when required.
- Face Mask.
- All PPE should be clean, fit for purpose, and replaced if damaged.

Environmental issues:

- Waste is minimal; return all waste, old parts or rubbish for disposal at the MSU technician's home location. Do not use customer bins unless agreed.
- Report any spills or environmental accidents to the customer and A23 management immediately.

What further action is necessary?

Action: Comply with other issued risk assessments. Stop work and report any noncompliance issues. Report incidents/ near misses immediately. Maintain high standards at all times.

Post Preventative Risk Assessment			
Severity of risk / injury		**Likelihood of risk / injury**	
No Injury (1)	Minor Injuries (2)	Extremely unlikely (1)	Unlikely (2)
Major Injuries (3)	Fatal (4)	Likely (3)	Very Likely (4)
A23 Trailer Repairs Risk Level Calculation Formula: (Risk Level = severity x likelihood)			
HIGH 9 - 12 HALT the activity immediately.	**MEDIUM 6 to 8** Inform management & seek advice.	**LOW 1 to 5** Review operation & control risks.	

All authorized personnel are required to sign that they have read and understood the requirements of this risk assessment.		
Name	**Signature**	**Date**