A23 TRAILER REPAIRS

RISK ASSESSMENT

MSU - Working on Loaded Trailers

Location:	All MSU Operations	**Subject:**	Mobile Service Units - Working on Loaded Trailers.
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Job Analysis - typical tasks:

Mobile Service Technicians are required to carry out routine servicing or repairs to trailers whilst on customer premises or roadside breakdowns. Depending on the customer or nature of the work required the MSU technicians may be required to work on a loaded trailer. The MSU technician must be fully aware of any load being carried and the risks associated with the load before commencing any work. MSU technicians are advised to contact their line / workshop manager if in any doubt regarding working on a loaded trailer.

Who may be harmed & how?	Injuries Anticipated	Hazards Anticipated
• MSU Technicians. • Customers Employees. • Others.	• Manual Handling Injuries. • Slips, Trips and Falls. • Falls from equipment - Tractor unit/ Trailer. • Crushing (unstable loads). • Head / Hand Injuries - Falling loads. • Burns / Poisoning (Chemical). • Fire. • Explosion. • Cold working conditions (Refrigerated trailers).	• Poor access to work area due to restrictions. • Manual handling injuries trying to move a load. • Slips, trips or falls whilst climbing a load. • Falls from height. • Hazards resulting from moving/unstable loads. • Spilt / loose or unprotected chemicals. • Flammable material / chemicals or liquids. • Explosive atmosphere if unvented. • Poor working conditions (temp/confined space). • Poor lighting.

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:

- The A23 Mobile Service Technician should report any request to work on a loaded trailer that he feels is a risk or posing significant danger directly to the customer and his line manager / workshop manager.

- Any repairs, servicing or inspection work to the chassis or running gear on any loaded double deck or low loader trailer is strictly prohibited on a customer site. The trailer should be unloaded prior to this work commencing. Routine work to lights may still be carried out.
- Roadside repairs are permitted on loaded double deck or low loader trailers to get the trailer repaired or back to a workshop location only.
- The MSU technician must check the load area before commencing work. If locked/inaccessible, seek confirmation from the driver or customer. Note any Hazchem plates.
- The MSU technician must lockout the trailer to prevent unauthorized movement (remove keys, park MSU across front, VOR sign, king pin lock). Apply trailer park brake and use wheel chocks every time without exception.
- Assess the working area; if deemed unsafe the trailer should be moved or the area made safe.
- Care should be taken when opening rear doors to avoid injury from items falling.
- Ground conditions must be checked before jacking; axle stands must be in place prior to any work under the trailer.
- Technicians are not permitted to move any load situated on the trailer. Apply safe manual handling techniques.
- Climbing of open loads on flat, skeletal, or open curtainside is not permitted.
- If working at height is required, follow safe working at height procedures and consider weather conditions.
- **Refrigerated trailers:** Ensure fridge engine is off and rear doors are secured open. Limit to 15-minute periods. Wear additional clothing to prevent hypothermia.
- **Extreme heat / Confined Space:** Secure doors open. Limit to 15-minute intervals. Drink plenty of water.
- Make sure work lighting is suitable and sufficient for the task.

Hazard Specific Controls:

Exposure to noise: Certain tasks will be above 85db (A) action level (grinding, powered wrenches). Wear provided suitable PPE. Adhere to customer site instructions.

Manual Handling / Ergonomic issues: Dependent on task. Apply safe manual handling techniques.

Exposure to chemicals - (COSHH):

- Check work area for signs of spilt / discarded chemicals. Report to line/workshop manager before work.
- Gloves and eye protection must be worn. Chemical mask may need to be worn.
- Chemicals may need to be removed or washed away by the customer before work commences. Do not walk through chemicals.
- If in doubt, obtain a copy of the chemical MSDS sheet. Customer may produce a safe certificate.

Fire hazard:

- Hot work (Welding, grinding cutting) must be fully assessed before work commences.
- No hot work permitted on a trailer loaded with flammable material open to the hot work, or on any trailer carrying flammable/explosive chemicals.
- No hot work on trailers with empty chemical containers / barrels.
- Vent the trailer to disperse any residual vapor or gas before commencing hot work.
- Hot work MUST be authorized by the customer. Fire extinguishers must be present in the immediate work area.
- Keep a clean work area and dispose of rubbish to minimize fire risks.

Details of Personal Protective Equipment (PPE) requirements:

- A23 issue overalls.
- Hi-visibility jacket or waistcoat (at night or if overalls are not worn).
- Safety shoes or boots.
- Bump cap and Safety glasses whilst working under the trailer.
- Gloves depending on the task to be carried out.
- Ear protectors for use when required.
- Additional PPE will be required if hot work or working at height.

Environmental issues:

- Any spills must be dealt with immediately and reported to both the customer and A23 management. Use equipped spill kits.
- All waste will be removed from site unless disposal on site is agreed with the customer.

What further action is necessary?

Action: Comply with other issued risk assessments. All technicians MUST read, understand and sign compliance. Stop work and report any noncompliance issues. Report incidents/near misses immediately.

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