A23 TRAILER REPAIRS

RISK ASSESSMENT

MSU - Working at Height (Ladder)

Location:	All MSU Operations	**Subject:**	Mobile Service Units - Working at Height (Ladder).
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Job Analysis - typical tasks:

Mobile Service Technicians conduct a wide range of duties on customer sites including routine servicing, repairs, and breakdowns. These duties will include an element of working at height both from step ladders and lean-to ladders. Each MSU will work from a fully equipped mobile service van to perform the work in a safe manner.

Work Restrictions:

- No MSU technician is permitted to access the roof of a vehicle/trailer whilst on a customer site for any reason.
- Only approved ladders and step ladders may be used. These will normally be a conventional 6 step A-frame step ladder and a 2.5m 3-section extension ladder or approved telescopic ladder.
- Any multi-position ladder or ladder differing from the normal approved type must not be used unless written permission is received.
- Should any work not be possible due to customer site rules, the technician will discuss this with the customer and report to their line manager for alternative arrangements to be made.
- If the MSU technician feels the work cannot be completed in a safe manner due to external conditions, they must stop and report to their manager immediately.

Who may be harmed & how?	Injuries Anticipated	Hazards Anticipated
• MSU Technicians. • Others in the area.	• Manual handling injuries during setup or take down. • Hand injuries. • Slips, trips or fall injuries. • Falls from height. • Muscular skeletal injuries due to poor working position. • Being hit by falling objects.	• Working in a high risk or unknown area/site. • Collision with moving vehicles, trailers or other equipment. • Equipment failure. • Exposure to adverse weather conditions (hot/cold/wind/rain).

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 upon arrival. Discuss required work and gain any work permits or permissions.
- **Collision hazards:** Inspect the work area and confirm it is suitable for working at height, including having suitable segregation from other moving vehicles. Working at height should not be conducted on major traffic routes, corners or adjacent to access doors.
- **Manual Handling / Setup:** Always handle and set up working at height equipment properly. Suitable gloves must be worn during the set up and take down process.
- **Slips, Trips and Falls (Environment):** Inspect the working area for hazards, paying special attention to uneven ground, potholes, rubbish, or loose manholes. Request the trailer be moved if the area is unsafe.
- **Slips, Trips and Falls (Activities):** Work in a clean and professional manner. Pay attention to hoses, cables, tools or old parts in the work area.
- **Equipment Failure:** All working at height equipment must be inspected pre-use, during set up and before being packed away. Any damaged equipment must be taken out of service immediately.
- **Incorrect Use:** Never face away from the ladder, overreach, work on the top 3 rungs, or fail to maintain 3 points of contact. Never hop the ladder to change position or slide down.

Hazard Specific Controls:

Muscular skeletal injuries:

- Both feet should be on the same ladder rung.
- Work height should be level to avoid excess stretching or reaching.
- Working at height up the ladder is restricted to a 25-minute maximum period.
- If repeated work is required, a 10-minute period of walking/stretching must be observed.

Exposure to adverse weather conditions:

- **Rain:** Permitted in light rain only. Stop work if rain causes slip hazards.
- **Fog/Poor Visibility:** All working at height must be stopped until it is safe.
- **Wind:** Permitted in light to moderate wind. Stop work in high or gusting winds.
- **Snow/Ice:** Working at height using ladders is not permitted.
- **Cold:** Wear additional layers, take short breaks to warm up, have a hot drink.
- **Heat:** Work in a shaded area if possible, take regular short breaks, keep hydrated, and use high factor sun cream.

Being hit by falling objects: The work area immediately around the ladder setup must be treated as high risk. No other person is permitted directly around the work area. No parts or tools are to be dropped to the ground.

Fire hazard: The use of welding or burning equipment is not permitted whilst working at height on a customer site.

Details of Personal Protective Equipment (PPE) requirements:

- A23 allocated overalls.
- Safety Boots.
- High-Visibility Jacket (depending on weather conditions).
- Gloves when manual handling.
- Safety Glasses (depending on task to be completed).
- All PPE should be clean, fit for purpose, and from the approved PPE list.

Environmental issues:

- No waste to be disposed of in the customers bins unless agreed in advance.
- Report any spills to the customer immediately.
- Do not leave any vehicles running when they are not being used.

What further action is necessary?
Action: Comply with other issued risk assessments. 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**