



MOBILE ELEVATING WORK PLATFORM(MEWP)/AERIAL LIFT

Lifts are essential tools for working at heights, but they come with serious risks. OSHA regulation 1926.453 and ANSI A92.22 & A92.24 standards outline the safety requirements for operating a MEWP/Aerial Lift. A MEWP is a machine/device intended to move personnel, tools, and materials to elevated work areas. MEWPs include:

- Boom lifts
- Scissor lifts
- Vertical mast lifts

Key Safety Requirements

1. Pre-Use Inspection

- Check for leaks, tire condition, lift controls, guardrails and emergency controls.
- Document inspection daily.

2. Fall Protection

- A full-body harness and lanyard must be worn and attached to the designated anchor point.
- Do not tie off to adjacent structures.

3. Safe Work Practices

- Keep both feet on the platform, no sitting or climbing on the rails.
- Never use ladders, planks, or other devices to gain height.
- Be aware of overhead hazards and power lines.

4. Stability

- Secure the lift in the stowed position before moving.
- Use on firm, level surfaces.
- Never exceed platform load limits.
- Avoid sudden movements or overreaching.

5. Weather Conditions

- Do not operate in high winds or lightning.
- Follow the manufacturer's restrictions and recommendations for safe use.

6. Modifications

- Any field modifications must be certified by the manufacturer or a qualified entity.

Common Hazards

- Tip-overs from uneven ground or overloading
- Electrocution from overhead power lines
- Falls from improper use or lack of fall protection
- Crushing injuries from entrapment or moving parts
- Equipment failure from poor maintenance
- Lack of employee training

Training

Only trained and authorized persons are allowed to operate a MEWP/aerial lift. Training should include both theory (classroom/online) and practical (hands-on) operation and evaluation. The classroom training should include:

- Applicable regulations, standards and safety rules;
- Classifications of MEWPs and manufacturers warnings and instructions;
- Purpose and use of operation manuals, placards, decals, and safety rules;
- When and how to perform pre-use inspections, function checks;
- Recognizing and avoiding unsafe conditions associated with operating;
- Understanding factors affecting stability, wind and weather conditions, and potential hazards in the work area; and
- General knowledge of controls, features, traveling, accessories and use of personal protective equipment.

It is important to note that employees will need further practical training to be familiarized with the specific types of lifts being operated. Only after completing both classroom and hands-on training, should employees be authorized to operate a lift.

GCSC RESOURCES

SAFETY TRAINING

6:00am – 3:00pm csr@mygcsc.com

Course Code	Course
08MEWP	Mobile Elevating Work Platform (Aerial Lift)
08FALLP	Fall Protection
08FPCP	Fall Protection Competent Person

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