1 Purpose

The purpose of these requirements is to ensure mobile elevating work platforms (MEWPs) meet applicable standards and are maintained in good working order. They cover design, marking, inspection, maintenance, and modification of MEWPs. They apply to workers (as operators and custodians), and Fleet Services.

2 Requirements

Any MEWP brought on-site – SLAC-owned, leased, rented, and equipment owned by subcontractors – must be designed and manufactured in accordance with applicable standards (see Section 5, “References”) and marked, inspected, maintained, and modified following the requirements below.

2.1 Controls

All controls must be clearly labeled. MEWP control panels must require dual activation by the operator to activate the directional (horizontal or vertical movement) controls. Time-delay ramping feature activation controls are not permitted.

Authorized controls include the following:

- Joystick equipped with an enable switch that has a time-out function of 10 seconds or less (non-locking or spring loaded)
- Joystick with guarded trigger mechanism
- Joystick with a separate enable switch (continuously pressed)
- Joystick with a pull-up trigger
- Joystick and foot pedal

Controls not on this list must be approved by authorized ESHQ personnel.

2.2 Marking

A plate or other legible marking verifying that the MEWP is designed and manufactured in accordance with the applicable standard must be conspicuously displayed and bear the following information:

1. Make, model, and manufacturer’s serial number
2. Rated capacity, including maximum capacity at the platform’s maximum height
3. Platform height, including maximum travel height
4. Maximum recommended operating pressure of any hydraulic or pneumatic system(s)
5. Any applicable operation restrictions and cautions
6. Operating instructions
7. Manufacturer’s rated line voltage (dielectric capability)
8. Alternative configurations require, in addition to the above:
   – Chart, schematic, or scale showing capacities of all combinations in their operating positions
   – Caution or restrictions or both of operation of all alternate or combinations of alternate configurations

2.3 Inspection

MEWPs must pass an initial inspection, conducted by a custodian, when first brought on-site and a pre-use inspection, conducted by the operator, before each shift (see MEWP: Inspection Procedures).

2.3.1 Non-SLAC Equipment

Before bringing a non-SLAC-owned MEWP on-site, the custodian will verify that the vehicle meets the minimum requirements of this program.

2.4 Maintenance

Custodians in coordination with Fleet Services will establish and follow a program of regular maintenance to ensure that MEWPs remain in safe operating condition. Custodians will ensure maintenance records are kept for a minimum of three years and remain available upon request.

Only employees of Fleet Services or a third-party approved by it are permitted to maintain or repair MEWPs.

2.5 Modification

No modifications or additions to MEWPs will be performed without written authorization from the manufacturer.

3 Forms

The following are forms required by these requirements:

- None
4 Recordkeeping

The following recordkeeping requirements apply for these requirements:

- The custodian will ensure maintenance records are kept for a minimum of three years and made available for inspection upon request.

5 References

SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001)

- Chapter 47, “Mobile Elevating Work Platforms”
  - MEWP: Inspection Procedures (SLAC-I-730-0A21C-008)

Other Documents


- American National Standards Institute (ANSI)/Scaffold Industry Association (SIA)
  - ANSI/SIA A92.3-1990, “Manually Propelled Elevating Aerial Platforms” (ANSI/SIA A92.3-1990)