Mobile Elevated Work Platforms-Operator Training

Course Name/Number

5016 - Aerial Work Platforms

Applicable Regulations

- ANSI Standard A92.3-2006(R2014) “Manually Propelled Elevating Aerial Platforms”
- ANSI Standard A92.5-2006(R2014) “Boom-Supported Elevating Work Platforms”
- ANSI Standard A92.6-2006(R2014)“Self-Propelled Elevating Work Platforms”
- ANSI/SAIA A92.22-2018 “Safe Use of Mobile Elevating Work Platforms (MEWPs)”
- ANSI/SAIA A92.24-2018 “Training Requirements for the Use, Operation, Inspection, Testing and Maintenance of Mobile Elevating Work Platforms (MEWPs)”
- OSHA Standard 29 CFR 1926.453 "Scaffolds; Aerial Lifts"
- OSHA Standard 29 CFR 1926.502 "Fall Protection Systems criteria and practices"

Course Registration

Contact the EH&S Training Office.

Course Description

Training must include both classroom/online training and hands-on operation and evaluation.

Classroom/Online Training

Classroom/Online training shall include MEWP safe us as defined by ANSI standards and shall include the following:

- The selection of appropriate MEWPs from various classifications including available options
- The purpose and use of operation manuals, placards and decals, and safety rules
- Understanding that operation manuals are an integral part of the MEWP and need to be stored properly in the weather-resistant compartment on the MEWP when not in use
- Validation that annual inspection is current on the placard when present on the MEWP
- Knowledge of how to perform a pre-start inspection
- Responsibilities associated with problems or malfunctions affecting operation of the MEWP
- Knowing and understanding factors affecting stability
- Recognition and avoidance of hazards associated with operation
• Knowing and understanding workplace inspections and that they must be performed prior to each use
• Knowing and understanding wind hazards and wind conditions
• Thorough understanding of the intended purpose and function of the MEWP controls, including platform, ground, and emergency descent controls
• General knowledge of various MEWPs and features and devices specified by the MEWP manufacturer to include physical characteristics and other machine options
• Applicable regulations, standards, and safety rules
• Use of personal protective equipment (PPE) appropriate to the task, worksite, and environment and those required by the manufacturer
• Safe traveling practices
• Issues associated with transport (if appropriate)
• Understanding that authorization by the user is required to operate the MEWP
• Understanding that securing the MEWP from unauthorized use is required
• The requirement for familiarization in addition to training
• Understanding of hazardous location(s) (flammable or explosive atmospheres)
• Warnings and instructions
• Familiarity with the requirements of operators
• The dangers associated with the high pressure systems
• The responsibility of operator to inform platform occupants of applicable regulations, standards, and safety rules and the requirements of the ANSI standards
• Other subjects required by the MEWP manufacturer.

Practical (Hands-on) Training

Under the direction and evaluation of the qualified trainer, the trainee shall operate the MEWP for a sufficient period of time to demonstrate proficiency regarding the following:

• Walk around and familiarization with MEWP
• Major components-identification and function
• Perform pre-start inspection-carry out daily checks and inspections
• Planning the route of travel and worksite inspection
• Setting the MEWP for work (if applicable)
• Operation and function of all controls-completing course tasks
• Parking and securing the MEWP.

Who Must Attend

Personnel must be trained before they are permitted to operate an MEWP. This training will be provided by an authorized and qualified in-house staff member or an outside qualified trainer. Training materials provided by the manufacturer of the MEWP shall be included as a component of the required operator training and maintained in a location accessible to the operator. Additional operator training is required whenever a new or different type of MEWP is to be operated.

Supervisory Responsibilities
Supervisors are responsible for mandating proper work practices, supplying personal protective equipment, and ensuring that employees attend training.