



# ANSI A92 & CSA B354

Your Field Guide to Understanding  
ANSI & CSA Standard Changes







# The Who, What And When

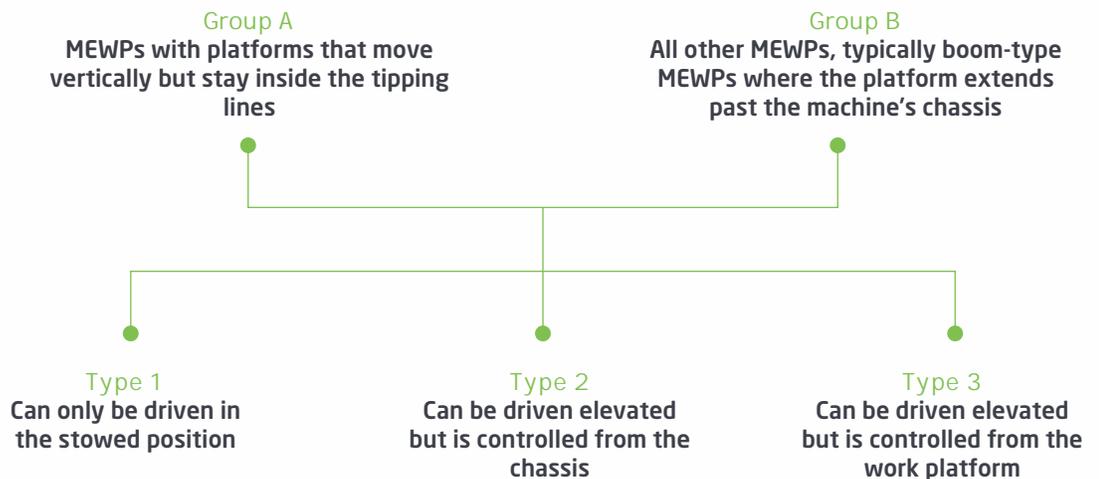
The American National Standards Institute (ANSI) and the Canadian Standards Association (CSA) create standards that govern the design and use of aerial work platforms across North America. The last big change to these standards took place in 2006.

## General Changes



Under the new standards, aerial work platforms (AWPs) will be called mobile elevating work platforms (MEWPs).

MEWPs will also be classified differently.





# ANSI A92.24 & CSA B354.8: TRAINING

**GOAL** Provide guidance on preparing MEWP training materials, define how theoretical and practical training GOAL should be delivered and identify required elements for proper training and familiarization

- ▶ Dealers, owners and users must train and familiarize, or have proof of training and familiarization, for all employees they allow to operate a MEWP
- ▶ Dealers must offer operator training or explain where the operator can get training when selling, leasing or renting a MEWP to someone
- ▶ When requested, dealers must offer familiarization to the person buying, leasing or renting a MEWP
- ▶ All training must be delivered by a qualified person and must be offered in a language and format the trainee can understand
- ▶ Maintenance & repair personnel must be trained to properly inspect and maintain MEWPs
- ▶ Occupants in the platform must have knowledge of how to work safely in a MEWP, including:
  - Ÿ How to use fall protection and the location of fall protection anchors
  - Ÿ How their actions could affect stability
  - Ÿ How to safely use MEWP accessories they are assigned to use
  - Ÿ How to adhere to the safety plan and avoid site-specific hazards
  - Ÿ How to complete emergency procedures in line with manufacturer's warnings and safety information
- ▶ People who directly supervise MEWP operators must be properly trained in:
  - Ÿ Proper MEWP selection
  - Ÿ Rules, regulations and standards that apply to MEWPs, including operation, safe use and training
  - Ÿ Potential hazards associated with the use of MEWPs and how to protect against them
  - Ÿ Where manufacturer's operation manuals should be stored and how they should be used

Who's required to complete training?

- Ÿ Operators (ANSI & CSA)
- Ÿ Occupants (ANSI & CSA)
- Ÿ Supervisors (ANSI only)
- Ÿ Maintenance & repair personnel (CSA only)



# ANSI A92.22 & CSA B354.7: SAFE USE

**GOAL** Specify requirements for application, inspection, training, maintenance, repair and safe operation of MEWPs

## How to Perform a Site Risk Assessment\*

The new standards require you to develop a safe use program to guide MEWP use on the job site. A safe use program starts with a site risk assessment, then continues daily with repeated emphasis on safety and properly trained personnel.

01

### Define the work

- ☒ Task: What specific tasks do you need to do to complete the job?
- ☒ Location: Where will you be working? Will you need to transport machines?
- ☒ Timing: When does the work need to be finished? Are there times of day you can't work?

02

### Select a MEWP

- ☒ Boom Lift
- ☒ Scissor Lift
- ☒ Vertical Lift

03

### Evaluate risks

- ☒ MEWP-related: Working at height, staying within rated capacity
- ☒ Job-specific: Avoiding power lines, accessing hard-to-reach areas
- ☒ Additional: Keeping workers on the ground safe, preventing unauthorized use of equipment

04

### Identify controls

- ☒ Safe work procedures: Use correct PPE, ensure understanding of fall arrest systems
- ☒ Proper training: For operators, occupants, supervisors and maintenance personnel
- ☒ Smart scheduling: Organize the work in ways that minimize exposure to hazards
- ☒ Rescue planning: May include self-rescue, assisted rescue and/or technical rescue

05

### Communicate

- ☒ Operator is trained and authorized to operate the MEWP
- ☒ Occupant has basic knowledge of MEWP use and safety
- ☒ Supervisor monitors use of MEWP to ensure safety plan is followed
- ☒ Technician performs MEWP maintenance in line with manufacturer's requirements

\*The steps listed above are several of the necessary steps when performing a site risk assessment. Consult your site supervisor for a full list of required steps.



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**CONTACT US:**  
**(703) 239-EPRO (3776)**  
**info@GoEPRO.com**  
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*~ Carrie, AECOM*