



COALITION FOR CONSTRUCTION(CCS) SAFETY MEMORANDUM

TO: ALL MEMBERS

FROM: GARY MARTIN, SAFETY DIRECTOR

SUBJECT: ANSI A92 AND CSA B354 AWP CHANGES

DATE: SEPTEMBER 26, 2019

The American National Standards Institute (ANSI) and the Canadian Standards Association (CSA) create standards that govern design, safe use, and training of aerial work platforms in North America. New ANSI standards for AWP were published in December of 2018 for the U.S. and the CSA's standards for AWP were published in May of 2017. These new standards set new guidelines for AWP design, use, and training. The new standards go into effect December 10, 2019.

General changes include the following:

The new standards designate aerial work platforms (AWPs) as mobile elevating work platforms (MEWPs). The MEWPs will now have different classifications and are as follows:

Group A – MEWPs that move vertically and stay inside the tipping lines.

Group B – All other MEWPs where the platform extends beyond the machine's chassis, i.e., boom MEWPs.

Within these two groups, there are three types and are as follows:

Type 1 – Can only be driven in the stowed position.

Type 2 – Can be driven elevated, controlled from the chassis.

Type 3 – Can be driven elevated, controlled from the work platform.

This memorandum/checklist of new standards requirements (next page) serves as an alert of the new standards and is not all inclusive. For more information on the specific changes please refer to the following:

ANSI A92.20 & CSA B354.6: Machine Design

ANSI A92.22 & CSA B354.7: Safe Use

ANSI A92.24 & CSA B354.8: Training

ANSI A92 & CSA B354 New Standards Checklist
(Suggested items to check for compliance of new MEWP standard)

	YES	NO	COMMENTS
ANSI A92.20 & CSA B354.6 – MACHINE DESIGN			
Is Load Sensing Alarm working properly?			
Is the Tilt sensing operating correctly?			
Machine markings and operator manual are present on equipment?			
Machine rated for indoor use?			
Machine rated for outdoor use (wind rating checked)?			
Does equipment have non-flexible entry gate?			
Are tires solid or foam filled (rough terrain equipment)?			
Does equipment have folding platform guardrails?			
If folding platform guardrails are installed, have you been trained on their use?			
ANSI A92.22 & CSA B354.7 – SAFE USE			
Site Risk Assessment			
Define the Work			
Have the tasks been defined?			
Location of work has been defined?			
Selection of Equipment			
Has the proper MEWP been selected?			Boom, Scissor, Vertical (circle one)
Risk Evaluation			
Has the working height been reviewed?			
Are tools, supplies, and worker(s) within rated capacity?			
Have powerlines been identified?			
Have hard to reach areas been reviewed?			
Will workers on the ground be safe?			
Has a controlled access zone been set-up?			
Are you preventing unauthorized use of equipment?			
Identify Controls			
Have safe work procedures been established?			
Is proper PPE, including fall protection, being utilized?			
Has training been provided for operators, occupants, and supervisors?			
Has the work been planned to minimize exposure to hazards?			

	YES	NO	COMMENTS
Do you have a rescue plan that encompasses falls, failures, and entanglements?			
Communication			
Operator is trained and authorized to operate MEWP?			
Occupant has basic knowledge of MEWP use and safety?			
A supervisor will monitor used of MEWP?			Who?
A technician performs MEWP maintenance according to manufacturer's requirements?			
ANSI A92.24 & CSA B354.8 – TRAINING			
Operators have proof of training and are authorized to operate MEWP?			
Training was provided by a qualified person?			
Occupants in the platform have knowledge how to work safely in a MEWP that include the following?			
- Use of fall protection and location of anchor point.			
- How their action could affect stability.			
- How to safety use MEWP accessories they are assigned to use.			
- Adherence to the safety plan and avoid site specific hazards.			
- How to complete emergency response procedures as per the manufacturer's warnings and safety guidance.			
Supervisors of MEWP Operators			
Supervisor is properly trained in MEWP selection?			
Supervisor is trained on rules, regulations, and standards that apply to MEWPs, including safe operation and training?			
Supervisors are trained in potential hazards associated with the use of MEWPs and to avoid those hazards?			
Supervisors are trained where manufacturer's operation manuals should be stored and how they should be used?			