Chapter 296-869 WAC
ELEVATING WORK PLATFORMS

WAC
296-869-099 Definitions.
296-869-100 Scope.
296-869-200 Section contents.
296-869-20005 Design and construction.
296-869-20010 Modifications.
296-869-20015 Owned, rented, or leased lifts.
296-869-20020 Operator requirements.
296-869-20025 Owner requirements.
296-869-20030 Operator prestart inspection.
296-869-20035 Workplace survey.
296-869-20040 Before and during use.
296-869-20045 Working from the platform.
296-869-20050 Moving the aerial lift.
296-869-20055 Aerial ladders.
296-869-300 Section contents.
296-869-30005 Manually propelled elevating work platforms.
296-869-30010 Self-propelled elevating work platforms.
296-869-30015 Boom-supported elevating work platforms.
296-869-30020 Modifications.
296-869-400 Section contents.
296-869-40005 Condition.
296-869-40010 Inspections.
296-869-40015 Repairs and adjustments.
296-869-40020 Manufacturer’s safety bulletins.
296-869-40025 Inspection and repair records.
296-869-40030 Fueling and battery charging.
296-869-40035 Operator training.
296-869-40040 Driving.
296-869-40045 Malfunctions or unsafe conditions.
296-869-500 Section contents.
296-869-50005 Operator authorization and training.
296-869-50010 Specific model training.
296-869-50015 Operator training records.
296-869-50020 Section contents.
296-869-50025 Operator authorizations.
296-869-50030 Accountability records.
296-869-50035 Operator training requirements.
296-869-50040 Operator authorization requirements.
296-869-50045 Manufacturer initiated training.
296-869-50050 Special operator authorization.
296-869-50055 Operator training requirements.
296-869-600 Section contents.
296-869-60005 Intended use.
296-869-60010 Workplace survey.
296-869-60015 Hazardous locations.
296-869-60020 Set up.
296-869-60025 Travel speed.
296-869-60030 Driving.
296-869-60035 Elevating and lowering the platform.
296-869-60040 Working from the platform.
296-869-60045 Malfunctions or unsafe conditions.
296-869-700, filed 9/19/06, effective 1/1/07.] Repealed by WSR 15-23-086, filed 11/17/15, effective 12/18/15.

DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER

(a) D refers to elevating work platforms that are diesel engine powered that have minimum safeguards against inherent fire hazards.

(b) DS refers to diesel powered elevating work platforms that, in addition to meeting all the requirements for type D elevating work platforms, are provided with additional safeguards to the exhaust, fuel, and electrical systems.

(c) DY refers to diesel powered elevating work platforms that have all the safeguards of the DS elevating work platforms and, in addition, any electrical equipment is completely enclosed. They are equipped with temperature limitation features.

(d) E refers to electrically powered elevating work platforms that have minimum acceptable safeguards against inherent fire hazards.

(e) ES refers to electrically powered elevating work platforms that, in addition to all of the requirements for the E elevating work platforms, have additional safeguards to the elec-

(11/17/15)
trical system to prevent emission of hazardous sparks and to limit surface temperatures.

(f) EE refers to electrically powered elevating work platforms that, in addition to all of the requirements for the E and ES type elevating work platforms, have their electric motors and all other electrical equipment completely enclosed.

(g) EX refers to electrically powered elevating work platforms that differ from E, ES, or EE type elevating work platforms in that the electrical fittings and equipment are designed, constructed and assembled to be used in atmospheres containing flammable vapors or dusts.

(h) G refers to gasoline powered elevating work platforms that have minimum acceptable safeguards against inherent fire hazards.

(i) GS refers to gasoline powered elevating work platforms that are provided with additional exhaust, fuel, and electrical systems safeguards.

(j) LP refers to liquefied petroleum gas-powered elevating work platforms that, in addition to meeting all the requirements for type G elevating work platforms, have minimum acceptable safeguards against inherent fire hazards.

(k) LPS refers to liquefied petroleum gas-powered elevating work platforms that, in addition to meeting the requirements for LP type elevating work platforms, have additional exhaust, fuel, and electrical systems safeguards.

**Vertical tower.** A vehicle-mounted elevating work platform having a platform that can be raised along a vertical axis.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-099, filed 11/17/15, effective 12/18/15.]

### WAC 296-869-100 Scope
This chapter applies to the following types of elevating work platforms:

1. Aerial lifts;
2. Manually propelled elevating work platforms that have a platform that cannot be positioned completely beyond the base;
3. Self-propelled elevating work platforms that have a platform that cannot be positioned completely beyond the base;
4. Boom-supported elevating work platforms that have a boom-supported platform that can be positioned completely beyond the base.

**EXEMPTION:**

This chapter does not apply to elevating work platforms used:

1. By the fire services for fire combat that are covered by Safety standards for firefighters, chapter 296-305 WAC; or
2. For agriculture activities covered by Safety standards for agriculture, chapter 296-307 WAC.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-100, filed 11/17/15, effective 12/18/15.]

### WAC 296-869-200 Section contents.

**Summary Important:**

This section applies to the following types of vehicle-mounted aerial devices:

1. Extensible-boom work platforms;
2. Articulating-boom work platforms;
3. Vertical towers;
4. Aerial ladders;
5. A combination of any of the above types of elevating work platforms.

**Your responsibility:**

To meet these requirements when using aerial lifts.

<table>
<thead>
<tr>
<th>You must meet the requirements ...</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design and construction</td>
<td>WAC 296-869-20005</td>
</tr>
<tr>
<td>Modifications</td>
<td>WAC 296-869-20010</td>
</tr>
<tr>
<td>Owned, rented, or leased aerial lifts</td>
<td>WAC 296-869-20015</td>
</tr>
<tr>
<td>Operator requirements</td>
<td>WAC 296-869-20020</td>
</tr>
<tr>
<td>Operator training</td>
<td>WAC 296-869-20025</td>
</tr>
<tr>
<td>Operator prestart inspection</td>
<td>WAC 296-869-20030</td>
</tr>
<tr>
<td>Workplace survey</td>
<td>WAC 296-869-20035</td>
</tr>
<tr>
<td>Before and during use</td>
<td>WAC 296-869-20040</td>
</tr>
<tr>
<td>Working from the platform</td>
<td>WAC 296-869-20045</td>
</tr>
<tr>
<td>Moving the aerial lift</td>
<td>WAC 296-869-20050</td>
</tr>
<tr>
<td>Aerial ladders</td>
<td>WAC 296-869-20055</td>
</tr>
</tbody>
</table>

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-200-20005, filed 11/17/15, effective 12/18/15.]

### WAC 296-869-20005 Design and construction


[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-20005, filed 11/17/15, effective 12/18/15.]

### WAC 296-869-20010 Modifications

You must have written approval from the manufacturer before making any modification or addition that affects the safe operation, stability, intended use, or the mechanical, hydraulic, or electrical integrity of the aerial lift. Make sure the modified aerial lift is:

1. At least as safe as it was before being modified; and
2. Any change to the insulated portion of the aerial lift does not reduce the insulating value.

**Note:** If the original manufacturer is no longer in business, an equivalent entity such as a nationally recognized testing laboratory may approve modification.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-20010, filed 11/17/15, effective 12/18/15.]
**WAC 296-869-20015** Owned, rented, or leased aerial lifts.

**Important:**
This section applies if you own, rent, or lease an aerial lift.

(1) You must meet the requirements of the Responsibilities of Owners, section 8, of ANSI A92.2-2001, American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices, if you own an aerial lift.

(2) You must meet the requirements of the Responsibilities of Renters, Lessor or Lessees, section 11, of ANSI A92.2-2001, American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices, if you rent or lease an aerial lift.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-19-073, § 296-869-20015, filed 9/19/06, effective 12/18/06.]

**WAC 296-869-20020** Operator requirements. You must permit only trained and authorized personnel to operate aerial lifts.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 15-23-086, § 296-869-20020, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-19-073, § 296-869-20020, filed 9/19/06, effective 1/1/07.]

**WAC 296-869-20025** Operator training. (1) You must make sure personnel are trained before they are permitted to operate an aerial lift.

(2) You must cover at least the following items:
(a) General instruction on the inspection, application, and operation of aerial lifts.
(b) Purpose and use of manuals.
(c) Prestart inspection.
(d) Responsibilities associated with problems or malfunctions affecting the operation of the aerial lift.
(e) Factors affecting stability.
(f) Purpose of placards and decals.
(g) Workplace survey.
(h) Safety rules and regulations pertinent to the industry.
(i) Authorization to operate an aerial lift.
(j) Operator warnings and instructions.
(k) Proper use of personal fall protection equipment.

(3) You must have operator trainees actually operate the aerial lift, under the direction of a qualified person, for enough time to demonstrate proficiency.

(4) You must retrain an operator if evaluation and observation of the operator indicates retraining is necessary.

(5) You must instruct operators in all of the following before they are directed to operate an aerial lift with which they are not familiar:
(a) Location of the manuals;
(b) Purpose and function of all controls;
(c) Safety devices and operating characteristics specific to the aerial lift.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 15-23-086, § 296-869-20025, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 06-19-073, § 296-869-20025, filed 9/19/06, effective 1/1/07.]

**WAC 296-869-20030** Before and during use. (1) You must set the brakes and make sure outriggers, when used, are positioned on pads or a solid surface.

(2) You must install wheel chocks when using the aerial lift on an incline if they can be installed safely.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 15-23-086, § 296-869-20040, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 06-19-073, § 296-869-20040, filed 9/19/06, effective 1/1/07.]

### Table 1

<table>
<thead>
<tr>
<th>Component or system</th>
<th>Test or inspect for the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating controls and associated mechanisms</td>
<td>Conditions interfering with proper operation</td>
</tr>
<tr>
<td>Visual and audible safety devices</td>
<td>Malfunctions</td>
</tr>
<tr>
<td>Hydraulic or pneumatic systems</td>
<td>Visible deterioration or excessive leaks</td>
</tr>
<tr>
<td>Fiberglass and other insulating components</td>
<td>Visible damage or contamination</td>
</tr>
<tr>
<td>Operational and instructional markings</td>
<td>That they are present and legible</td>
</tr>
<tr>
<td>Electrical systems of or related to the aerial device</td>
<td>Malfunction and for signs of excessive deterioration, dirt, and moisture accumulation</td>
</tr>
<tr>
<td>Locking devices, bolts, pins, and other fasteners</td>
<td>That they are in-place and not loose or deformed</td>
</tr>
</tbody>
</table>

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 15-23-086, § 296-869-20030, filed 9/19/06, effective 1/1/07.]

[Ch. 296-869 WAC p. 3]
WAC 296-869-20045 Working from the platform. (1) You must make sure boom and platform load limits specified by the manufacturer are not exceeded.

(2) You must make sure persons stand firmly on the floor of the platform and do not:
   (a) Sit or climb on the edge of the platform; or
   (b) Use guardrails, planks, ladders, or any other device to gain additional height or reach.

(3) You must prohibit wearing climbers when working from the platform.

(4) You must make sure all persons on the platform wear a full body harness with a lanyard attached to either:
   (a) The manufacturer's recommended attachment point; or
   (b) The boom or platform if the manufacturer does not specify an attachment point.

(5) You must never attach a lanyard to an adjacent pole, structure, or equipment.

WAC 296-869-20050 Moving the aerial lift. You must make sure the boom is properly cradled and the outriggers are in the stowed position before moving the aerial lift.

EXEMPTION: The aerial lift may be moved with the boom elevated and the outriggers are in the stowed position before moving the aerial lift.

WAC 296-869-20055 Aerial ladders. (1) You must secure aerial ladders in the lower traveling position, using the locking device or other means provided by the manufacturer, before moving it for highway travel.

(2) You must make sure all persons working from an aerial ladder wear a full body harness and lanyard attached to either:
   (a) The manufacturer's recommended attachment point; or
   (b) The ladder rail if the manufacturer does not specify an attachment point.

You must meet the requirements in this section:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manually propelled elevating work platforms</td>
<td>WAC 296-869-30005</td>
</tr>
<tr>
<td>Self-propelled elevating work platforms</td>
<td>WAC 296-869-30010</td>
</tr>
<tr>
<td>Boom-supported elevating work platforms</td>
<td>WAC 296-869-30015</td>
</tr>
<tr>
<td>Modifications</td>
<td>WAC 296-869-30020</td>
</tr>
</tbody>
</table>

WAC 296-869-30005 Manually propelled elevating work platforms.

Important:
This section applies to manually propelled, integral chassis, elevating work platforms with a platform that cannot be positioned completely beyond the base.

(1) You must make sure manually propelled elevating work platforms meet the design and construction requirements of American National Standards Institute (ANSI) A92.3-1990, American National Standard for Manually Propelled Elevating Aerial Platforms.

(2) You must make sure the manufacturer provides instructions and markings that meet the requirements of ANSI A92.3-1990, American National Standard for Manually Propelled Elevating Aerial Platforms, on each elevating work platform.

(3) You must make sure manuals that meet the requirements of ANSI A92.3-1990, American National Standard for Manually Propelled Elevating Aerial Platforms, are:
   (a) Provided for each elevating work platform; and
   (b) Kept in the weather-resistant storage compartment provided by the manufacturer.

Note: Required manuals include the manufacturer's operating and maintenance manuals and a manual that defines the responsibilities of dealers, owners, lessors, lessees, users, and operators.

WAC 296-869-30010 Self-propelled elevating work platforms.

Important:
This section applies to self-propelled, integral chassis, elevating work platforms with a platform that cannot be positioned completely beyond the base.

(1) You must make sure self-propelled elevating work platforms manufactured on or after July 1, 2006, meet the design and construction requirements of ANSI A92.6-1999, American National Standard for Self-Propelled Elevating Work Platforms.

(2) You must make sure self-propelled elevating work platforms manufactured before July 1, 2006 meet the design and construction requirements of ANSI A92.6-1990, Ameri-
can National Standard for Self-Propelled Elevating Work Platforms.

(3) You must make sure the manufacturer provides instructions and markings that meet the requirements of ANSI A92.6-1990 or A92.6-1999, American National Standard for Self-Propelled Elevating Work Platforms, as appropriate, on each elevating work platform.

(4) You must make sure manuals that meet the requirements of ANSI A92.6-1990 or A92.6-1999, American National Standard for Self-Propelled Elevating Work Platforms, as appropriate, are:

(a) Provided for each elevating work platform; and
(b) Kept in the weather-resistant storage compartment provided by the manufacturer.

Note: Required manuals include the manufacturer's operating and maintenance manuals and a manual that defines the responsibilities of dealers, owners, lessors, lessees, users, and operators.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-30010, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-19-073, § 296-869-30020, filed 9/19/06, effective 1/1/07.]

WAC 296-869-30015 Boom-supported elevating work platforms.

Important:

This section applies to manually propelled, integral chassis, elevating work platforms with a boom-supported platform that can be positioned completely beyond the base.

(1) You must make sure boom-supported elevating work platforms meet the design and construction requirements of American National Standards Institute (ANSI) A92.5-1992, American National Standard for Boom-Supported Elevating Work Platforms.

(2) You must make sure the manufacturer provides instructions and markings that meet the requirements of ANSI A92.5-1992, American National Standard for Boom-Supported Elevating Work Platforms, on each elevating work platform.

(3) You must make sure manuals that meet the requirements of ANSI A92.5-1992, American National Standard for Boom-Supported Elevating Work Platforms, are:

(a) Provided for each elevating work platform; and
(b) Kept in the weather-resistant storage location provided by the manufacturer.

Note: Required manuals include the manufacturer's operating and maintenance manuals and a manual that defines the responsibilities of dealers, owners, lessors, lessees, users, and operators.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-30015, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-19-073, § 296-869-30015, filed 9/19/06, effective 1/1/07.]

WAC 296-869-30020 Modifications. (1) You must prohibit altering or disabling interlocks or other safety devices.

(11/17/15)
# Elevating Work Platforms

**Table 2**

<table>
<thead>
<tr>
<th>Type of inspection:</th>
<th>When required:</th>
<th>Items to inspect:</th>
</tr>
</thead>
</table>
| **Prestart**       | At the beginning of each shift. | Do a visual inspection and functional test including at least the following:  
1. Operating and emergency controls;  
2. Safety devices;  
3. Personal protective devices, including fall protection;  
4. Air, hydraulic and fuel system leaks;  
5. Cables and wiring harness;  
6. Loose or missing parts;  
7. Tires and wheels;  
8. Placards, warnings, control markings, and required manuals;  
9. Outriggers, stabilizers, and other structures;  
10. Guardrail system;  
11. Items specified by the manufacturer. |
| **Frequent**       | 1. Elevating work platforms that have been in service 3 months or 150 hours, whichever comes first; and  
2. Before putting elevating work platforms back in service that have been out-of-service for more than 3 months.  
Note: Newly purchased used equipment should be given the equivalent of a frequent inspection before being put into service. | 1. All functions and their controls for speeds, smoothness, and limits of motion;  
2. Emergency lowering means (manually propelled only);  
3. Lower controls including the provisions for overriding of upper controls (self-propelled and boom-supported);  
4. All chain and cable mechanisms for adjustment and worn or damaged parts;  
5. All emergency and safety devices;  
6. Lubrication of all moving parts, inspection of filter element(s), hydraulic oil, engine oil, and coolant as specified by the manufacturer;  
7. Visual inspection of structural components and other critical components such as fasteners, pins, shafts, turntable attachment bolts (boom-supported only), and locking devices;  
8. Placards, warnings, and control markings;  
9. Additional items specified by the manufacturer. |
| **Annual**         | No later than 13 months from the date of the last annual inspection. | All items specified by the manufacturer for an annual inspection. |

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-869-40010, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-19-073, § 296-869-40010, filed 9/19/06, effective 1/1/07.]

**WAC 296-869-40015 Repairs and adjustments.** (1) You must make sure repairs to elevating work platforms are:  
(a) Made by a qualified person; and  
(b) Done according to the manufacturer's recommendations.

[Ch. 296-869 WAC p. 6]
Elevating Work Platforms

(c) Powerplant stopped;
(d) Means of starting is rendered inoperative;
(e) Platform either:
(i) Lowered to the full down position, if possible; or
(ii) Blocked or cribbed to prevent dropping.
(f) Hydraulic pressure relieved from all hydraulic circuits before loosening or removing hydraulic components;
(g) Safety props or latches installed, where applicable;
(h) Other precautions as specified by the manufacturer; and
(i) Make sure replacement parts or components are identical or equivalent to the original parts or components.

WAC 296-869-40020 Manufacturer's safety bulletins. You must meet the requirements of safety-related bulletins as received from the manufacturer, dealer, or owner.

WAC 296-869-40025 Inspection and repair records. (1) You must keep written records documenting:
(a) Frequent and annual inspections you have done including:
(i) Date of inspection;
(ii) Deficiencies found;
(iii) Corrective action recommended.
(b) Names of the people who did the inspection; and
(c) All repairs done on the elevating work platform, including:
(i) Date of repair;
(ii) Description of the work done;
(iii) Names of the people who did the repair.
(2) You must retain the records of inspections and repairs for at least:
(a) Three years for manually propelled and boom-supported elevating work platforms; and
(b) Four years for self-propelled elevating work platforms.

Note: 1. It is the responsibility of the owner of the elevating work platform to make sure frequent and annual inspections are done and documented.
2. If you perform either type of inspection, or make repairs to the elevating work platform, send the appropriate records to the owner of the elevating work platform.

WAC 296-869-40030 Fueling and battery charging. (1) You must shut-down the engine while filling fuel tanks.
(2) You must fill fuel tanks and charge batteries in areas that are:
(a) Open and well-ventilated; and
(b) Free of flame, sparks, or other hazards that may cause fire or explosion.

Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-19-073, § 296-869-40030, filed 9/19/06, effective 1/1/07.

WAC 296-869-50005 Operator authorization and training. (1) You must permit only trained and authorized personnel to operate elevating work platforms.
(2) You must train operators in all of the following:
(a) The manufacturer's operating and maintenance manuals;
(b) Your work instructions;
(c) The requirements of this chapter.

WAC 296-869-50010 Specific model training. (1) You must make sure operators:
(a) Know the required manuals supplied by the manufacturer are stored in a weather resistant compartment and where the compartment is located; and
(b) Refer to the manuals when necessary.
(2) You must make sure operators do all of the following before operating an elevating work platform:
(a) Read and understand the manufacturer's operating instructions and your safety rules, or have them explained by a qualified person;
(b) Understand, by reading or by having a qualified person explain, all decals, warnings, and instructions displayed on the elevating work platform;
(c) Are instructed by a qualified person in the intended purpose and function of each control.
(3) You must have operator trainees demonstrate their knowledge and proficiency during actual operation of an elevating work platform under the following conditions:
(a) Under the direction of a qualified person;
(b) In an area free of obstructions; and
(c) Using an elevating work platform that is:
(i) The same model that they will be operating; or

(11/17/15)

[Ch. 296-869 WAC p. 7]
Section 296-869-60015 Operator training records. You must retain records of the operators trained on each model of elevating work platform for at least:
(1) Three years for manually propelled and boom-supported elevating work platforms; and
(2) Four years for self-propelled elevating work platforms.

Section 296-869-600 Section contents.

Summary
Important:
This section applies to manually propelled, self-propelled, and boom-supported elevating work platforms.

Your responsibility:
To meet these requirements when operating elevating work platforms.

<table>
<thead>
<tr>
<th>You must meet the requirements ...</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intended use</td>
<td>WAC 296-869-60005</td>
</tr>
<tr>
<td>Workplace survey</td>
<td>WAC 296-869-60010</td>
</tr>
<tr>
<td>Hazardous locations</td>
<td>WAC 296-869-60015</td>
</tr>
<tr>
<td>Set up</td>
<td>WAC 296-869-60020</td>
</tr>
<tr>
<td>Travel speed</td>
<td>WAC 296-869-60025</td>
</tr>
<tr>
<td>Driving</td>
<td>WAC 296-869-60030</td>
</tr>
<tr>
<td>Elevating and lowering the platform</td>
<td>WAC 296-869-60035</td>
</tr>
<tr>
<td>Working from the platform</td>
<td>WAC 296-869-60040</td>
</tr>
<tr>
<td>Malfunctions or unsafe conditions</td>
<td>WAC 296-869-60045</td>
</tr>
</tbody>
</table>

Section 296-869-60015 Intended use. You must make sure elevating work platforms are used only for their intended purpose as specified by the manufacturer.

Note: Misuse of an elevating work platform includes, but is not limited to:
1. Using the elevating work platform as a crane.
2. Using the platform to jack the wheels off the ground unless the machine was designed for that purpose by the manufacturer.
3. Operating the elevating work platform from a truck, trailer, railway car, floating vessel, scaffold, or similar equipment unless the application is approved in writing by the manufacturer.

Section 296-869-60015 Hazards locations. (1) You must determine the hazard classification of any area where the elevating work platform will operate using National Fire Protection Association (NFPA) 505-2002, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations.

(2) You must make sure only approved elevating work platforms are used in Class I, II, or III locations.

(3) You must make sure elevating work platforms are used in hazardous (classified) locations as follows:
(a) Elevating work platforms authorized to be used in Class 1 locations are shown in Table 3, Approved Elevating Work Platform Use in Class 1 Locations;
(b) Elevating work platforms authorized to be used in Class 2 locations are shown in Table 4, Approved Elevating Work Platform Use in Class 2 Locations;
(c) Elevating work platforms authorized to be used in Class 3 locations are shown in Table 5, Approved Elevating Work Platform Use in Class 3 Locations.

(4) You must make sure elevating work platforms authorized to be used in unclassified locations are:
(a) Approved elevating work platforms designated as Type D, E, G, or LP; and
(b) Elevating work platforms that meet the requirements of Type D, E, G, or LP elevating work platforms.

(5) You must have operators report any hazardous atmosphere or location that becomes apparent while operating the elevating work platform.
### Table 3
Approved Elevating Work Platform Use in Class 1 Locations

<table>
<thead>
<tr>
<th>Class 1</th>
<th>Locations in which flammable gases or vapors are, or may be, present in the air in quantities sufficient to produce explosive or ignitable mixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Division 1</strong></td>
<td>Conditions exist continuously, intermittently, or periodically under normal operating conditions.</td>
</tr>
<tr>
<td><strong>Division 2</strong></td>
<td>Conditions may occur accidentally, for example, due to a puncture of a storage drum.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group A</th>
<th>Group B</th>
<th>Group C</th>
<th>Group D</th>
<th>Group A</th>
<th>Group B</th>
<th>Group C</th>
<th>Group D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetylene</td>
<td>Hydrogen</td>
<td>Ethyl ether</td>
<td>Acetone</td>
<td>Alcohol</td>
<td>Benzene</td>
<td>Gasoline</td>
<td>Lacquer</td>
</tr>
<tr>
<td>No type can be used</td>
<td>No type can be used</td>
<td>No type can be used</td>
<td>Use this elevating work platform type: EX</td>
<td>No type can be used</td>
<td>No type can be used</td>
<td>No type can be used</td>
<td>Use this elevating work platform type: EX</td>
</tr>
</tbody>
</table>

### Table 4
Approved Elevating Work Platform Use in Class 2 Locations

<table>
<thead>
<tr>
<th>Class 2</th>
<th>Locations which are hazardous because of the presence of combustible dust</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Division 1</strong></td>
<td>Explosive mixture may be present under normal operating conditions, or where failure of equipment may cause the condition to exist simultaneously with arcing or sparking of electrical equipment, or where dusts of an electrically conducting nature may be present.</td>
</tr>
<tr>
<td><strong>Division 2</strong></td>
<td>Explosive mixture not normally present, but where deposits of dust may cause heat rise in electrical equipment, or where such deposits may be ignited by arcs or sparks from electrical equipment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group E</th>
<th>Group F</th>
<th>Group G</th>
<th>Group E</th>
<th>Group F</th>
<th>Group G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal dust</td>
<td>Carbon black</td>
<td>Grain dust</td>
<td>Metal dust</td>
<td>Carbon black</td>
<td>Grain dust</td>
</tr>
<tr>
<td>Coal dust</td>
<td>Flour dust</td>
<td>Starch dust</td>
<td>Coal dust</td>
<td>Starch dust</td>
<td>Organic dust</td>
</tr>
<tr>
<td>Coke dust</td>
<td>Organic dust</td>
<td></td>
<td>Coke dust</td>
<td>Organic dust</td>
<td></td>
</tr>
<tr>
<td>No type can be used</td>
<td>Use this elevating work platform type: EX</td>
<td>Use this elevating work platform type: EX</td>
<td>No type can be used</td>
<td>No type can be used</td>
<td>Use this elevating work platform type: EX</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>DS</td>
</tr>
<tr>
<td>B</td>
<td>DY</td>
</tr>
<tr>
<td>C</td>
<td>ES</td>
</tr>
<tr>
<td>D</td>
<td>EE</td>
</tr>
<tr>
<td>E</td>
<td>GS</td>
</tr>
<tr>
<td>F</td>
<td>EX</td>
</tr>
<tr>
<td>G</td>
<td>LPS</td>
</tr>
</tbody>
</table>
Table 5  
Approved Elevating Work Platform Use in Class 3 Locations

<table>
<thead>
<tr>
<th>Class 3</th>
<th>Division 1</th>
<th>Division 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Locations where easily ignitable fibers or flyings are present but not likely to be in suspension in quantities sufficient to produce ignitable mixtures</td>
<td>Explosive mixture may be present under normal operating conditions, or where failure of equipment may cause the condition to exist simultaneously with arcing or sparking of electrical equipment, or where dusts of an electrically conducting nature may be present.</td>
<td>Explosive mixture not normally present, but where deposits of dust may cause heat rise in electrical equipment, or where such deposits may be ignited by arcs or sparks from electrical equipment.</td>
</tr>
</tbody>
</table>

Use this elevating work platform type:  
- DY  
- EE  
- EX  

Use this elevating work platform type:  
- DS  
- DY  
- E  
- ES  
- EE  
- EX  
- GS  
- LPS

WAC 296-869-60020  
Set up.  
(1) You must prohibit positioning the elevating work platform against another object in order to steady the platform.  
(2) You must do the following when other moving equipment or vehicles are present:  
   (a) Take special precautions to meet the requirements of local ordinances or workplace safety standards; and  
   (b) Use warnings such as, but not limited to, flags, roped-off areas, flashing lights and barricades.

WAC 296-869-60025  
Travel speed.  
You must make sure the operator limits travel speed according to conditions, including:  
(1) Condition of the ground or support surface;  
(2) Congestion;  
(3) Visibility;  
(4) Slope;  
(5) Location of personnel;  
(6) Other factors that may create a hazard of collision or injury to personnel.

WAC 296-869-60030  
Driving.  
Important:  
This section does not apply to manually propelled elevating work platforms.  
(1) You must make sure the operator does all of the following before and while driving with the platform elevated:  
   (a) Maintains a clear view of the path of travel;  
   (b) Keeps a safe distance from obstacles, debris, drop-offs, holes, depressions, ramps, and other hazards to safe travel;  
   (c) Keeps a safe distance from overhead obstacles.  
(2) You must prohibit stunt driving and horseplay.

WAC 296-869-60035  
Elevating and lowering the platform.  
(1) You must have the operator make sure all of the following are done before each elevation of the platform:  
   (a) The elevating work platform is on a surface that is within the limits specified by the manufacturer;  
   (b) Outriggers, stabilizers, extendable axes, or other stability enhancing means are used as required by the manufacturer;  
   (c) Guardrails are installed and access gates or openings are closed per the manufacturer’s instructions;  
   (d) The load and its distribution on the platform and any platform extension does not exceed the manufacturer’s rated capacity for the configuration being used;
There is adequate clearance from overhead obstructions;

(f) The minimum safe approach distance (MSAD) to energized power lines and parts listed in Table 6, Minimum Safe Approach Distance, is maintained;

(g) All persons on the platform are wearing fall protection devices and other safety gear if required.

(2) You must prevent rope, electric cords, hoses and similar objects from becoming entangled with the platform.

(3) You must have the operator make sure the area is clear of personnel and equipment before lowering the platform.

(4) You must remove all personnel from a platform that has been caught, snagged, or otherwise prevented from normal motion before attempting to free it using ground controls.

Note: If possible, reverse the platform controls to free a platform that is caught, snagged, or otherwise prevented from normal motion by an adjacent structure or other obstacle.

### Table 6

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Minimum Safe Approach Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 300 volts</td>
<td>3 feet (0.9 m)</td>
</tr>
<tr>
<td>(insulated lines)</td>
<td></td>
</tr>
<tr>
<td>Less than 300 volts</td>
<td>10 feet (3.1 m)</td>
</tr>
<tr>
<td>(uninsulated lines)</td>
<td></td>
</tr>
<tr>
<td>300 volts to 50 kv</td>
<td>10 feet (3.1 m)</td>
</tr>
<tr>
<td>More than 50 kv</td>
<td>10 feet (3.1 m) + 0.4 inches (1.0 cm) for each 1 kv over 50 kv</td>
</tr>
</tbody>
</table>

WAC 296-869-60040 Working from the platform. (1) You must make sure persons working from the platform:

(a) Keep a firm footing on the platform; and

(b) Do not use guardrails, planks, ladders, or any other device to gain additional height or reach.

(2) You must make sure all persons on the platform of boom-supported elevating work platforms wear a full body harness and lanyard fixed to manufacturer provided and approved attachment points.

(3) You must make sure the rated capacities of the platform are not exceeded when transferring loads to the platform at any height.

Note: Guardrails are the primary means of fall protection for manually propelled elevating work platforms.

WAC 296-869-60045 Malfunctions or unsafe conditions. You must make sure operators, if they suspect a malfunction of the elevating work platform or encounter any hazard or potentially unsafe condition, do all of the following:

(1) Cease operation.

(2) Report the problem or malfunction.