Chapter 296-878 WAC
SAFETY STANDARDS FOR WINDOW CLEANING

WAC
296-878-099 Definitions.
296-878-100 Scope.
296-878-10005 Summary.
296-878-110 Training.
296-878-11005 Train workers to use window-cleaning equipment.
296-878-120 Building surfaces and fixtures.
296-878-12005 Make sure building surfaces and fixtures are safe to use.
296-878-130 Inspection procedures.
296-878-13005 Inspect the area to be cleaned.
296-878-13010 Inspect window-cleaning equipment before use.
296-878-140 Develop site-specific service and emergency plans.
296-878-14005 Develop a site-specific service and emergency recovery plan for window-cleaning operations.
296-878-150 Equipment.
296-878-15005 Select and use appropriate equipment.
296-878-15015 Select appropriate carabiners.
296-878-15020 Select appropriate rope for suspended equipment.
296-878-15025 Use fall protection equipment.
296-878-160 Warning signs and barricades.
296-878-16005 Provide warning signs and barricades when suspended equipment is used.
296-878-170 Power line clearances.
296-878-17005 Maintain clearance between window cleaners and power lines.
296-878-180 Window-cleaners' belts and anchors.
296-878-18005 Select appropriate window-cleaners' belts and anchors.
296-878-18010 Inspect the anchors you plan to use for window cleaning.
296-878-18015 Use window-cleaners' belts safely.
296-878-18020 Move safely on the outside of buildings.
296-878-18025 Use window-cleaning equipment.
296-878-18030 Inspect window-cleaning equipment before use.
296-878-190 Boatswains' chairs.
296-878-19005 Select appropriate boatswains' chairs.
296-878-19010 Safely use boatswains' chairs rigged with a block and tackle.
296-878-19015 Select appropriate boatswains' chairs.
296-878-19020 Move safely on the outside of buildings.
296-878-19025 Use window-cleaning equipment.
296-878-19030 Inspect window-cleaning equipment before use.
296-878-200 Equipment prohibited.
296-878-20010 Safely use rope descent systems.
296-878-20015 Safely use rope descent devices.
296-878-21005 Prohibit equipment from use.
296-878-210 Equipment prohibited.
296-878-21005 Prohibit equipment from use.
296-878-220 Definitions. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-220, filed 10/28/02, effective 1/1/03.] Repealed by WSR 14-09-095, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

WAC 296-878-099 Definitions.
Anchor, window-cleaner's belt. Fall-preventing attachment points for direct attachment of the terminal portion of a window-cleaner's belt.
Belt terminal. That part of the safety belt that is attached to the anchor during the window-cleaning operation.
Block and tackle. A lifting device consisting of one or more pulley blocks reeved with chains, wire ropes, or fiber ropes used solely for raising and lowering a load or moving a load horizontally.
Boatswain's chair. A single-point adjustable suspension scaffold consisting of a seat or sling designed to support one worker in a sitting position.
Capstan device. An upright, spool-shaped cylinder used for hoisting or lifting weights that is turned by a motor or by hand.
Carabiner. An oblong metal ring with an openable spring-hinged side, used to clip a rope to an anchoring device.
Competent person. One who is capable of identifying existing and predictable hazards in the surroundings, or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.
Drop (drop zone). A vertical area or work zone accessed by the worker or piece of equipment during one descent.
Drop line. A vertical line from a fixed anchorage, independent of the work surface.
Fixture. Attachments, anchors, anchorages, tie backs or support equipment permanently dedicated to a given site.
Grade. Means the ground, floor, sidewalk, roof, or any level surface that is considered a safe place to work.
Lanyard. A flexible line to secure a wearer of a safety belt or harness to a drop line, lifeline or fixed anchorage.
Mullion. A slender, vertical dividing bar between windows, panels, etc.
Primary support/suspension. A working line or approved anchorage used for attachment of a working line.
Qualified person. A person is qualified if they have one of the following:
(1) Extensive knowledge, training, and experience about the subject matter, work, or project;
(2) A recognized degree, certificate, or professional standing;
(3) Successful demonstration of problem solving skills in connection with the subject, work, or project;
Rated capacity. The combined weight of workers, tools, equipment, and other materials that the device is designed and installed to lift and support.
Rope descent system (RDS). An assembly of components that allows the operator to control the rate of descent at any time. A rope descent system includes the following components:
(1) Suspension devices;
(2) Certified roof anchorages;
(3) Primary support ropes or lines;
(4) The descent device;
(5) Carabiners or shackles;
(6) A seaboard or boatswain's chair.
Terminal strap. The strap or rope attached to the waist band on one end, and to the belt terminals on the other end.
Window cleaning. Cleaning, wiping, restoring or other methods of cleaning windows.
Working line. A rope suspended from an anchorage and used to access parts of a building.

(4/22/14)
WAC 296-878-100 Scope. These rules apply to all window-cleaning activities performed on the inside or outside of a building in which the window cleaner is working from a level that is located more than forty-eight inches above grade.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-100, filed 10/28/02, effective 1/1/03.]

WAC 296-878-10005 Summary.
Your responsibility: Make sure workers clean windows safely, and properly use and maintain their window-cleaning equipment.

Important:
Window-cleaning equipment includes window-cleaner's belts, boatswains' chairs, rope descent systems, ladders, supported scaffolds, and the support equipment used to suspend employees cleaning windows.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 07-03-163, § 296-878-10005, filed 1/24/07, effective 4/1/07; WSR 02-22-027, § 296-878-10005, filed 10/28/02, effective 1/1/03.]

WAC 296-878-110 Training.
Summary

<table>
<thead>
<tr>
<th>You must meet the requirements…</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Train workers to use window-cleaning equipment</td>
<td>WAC 296-878-11005</td>
</tr>
</tbody>
</table>

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-110, filed 10/28/02, effective 1/1/03.]

WAC 296-878-11005 Train workers to use window-cleaning equipment. (1) You must provide the following training to workers before they use window-cleaning equipment on the job:
(a) Proper care and maintenance of the equipment;
(b) Review manufacturer's instructions for proper equipment use;
(c) Methods for inspection, assembly, and dismantling of components;
(d) Identify anchorages;
(e) A complete understanding of safe working conditions;
(f) How employees will be rescued.
(2) You must provide additional training to workers using window-cleaners' belts in all the following areas:
(a) How to select the proper-sized belt;
(b) How to use anchors and terminals;
(c) How to deal with obstructions and slippery/wet surfaces.
(3) You must provide additional training to workers using boatswains' chairs and rope descent systems in all the following areas:
(a) Proper rigging practices;
(b) Fall arrest requirements;
(c) Proper methods of descending;
(d) The effects of wind on window-cleaning operations when a worker is suspended;
(e) Proper methods of hoisting for ascents.
(4) You must document the training by recording all of the following:
(a) The name and signature of the trainer/educator;
(b) The name and signature of the student;
(c) The subjects in which the workers were trained;
(d) The date of the training;
(e) The location of the training.

Note: You do not need a specialized educator to provide training. You may use a qualified person to conduct the training. A qualified person is defined as a person who has:
1. Extensive knowledge, training, and experience about the subject matter, work, or project;
2. A recognized degree, certificate, or professional standing;
3. Successful demonstration of problem solving skills in connection with the subject, work, or project.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and 49.17.070. WSR 14-09-095, § 296-878-120, filed 4/22/14, effective 1/1/03.]

WAC 296-878-120 Building surfaces and fixtures. Summary

<table>
<thead>
<tr>
<th>You must meet the requirements…</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make sure building surfaces and fixtures are safe to use</td>
<td>WAC 296-878-12005</td>
</tr>
</tbody>
</table>

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and 49.17.070. WSR 02-22-027, § 296-878-120, filed 10/28/02, effective 1/1/03.]

WAC 296-878-12005 Make sure building surfaces and fixtures are safe to use. You must make sure building surfaces and fixtures are safe to be used before you begin the window-cleaning operation. This includes:
(1) Guardrails, parapets, cornices and other building surfaces used to support suspended loads;
(2) Permanently installed fixtures used as anchorages and tiebacks;
(3) Window-cleaning equipment support systems permanently dedicated to the building.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and 49.17.070. WSR 02-22-027, § 296-878-120, filed 10/28/02, effective 1/1/03.]

WAC 296-878-130 Inspection procedures. Summary

<table>
<thead>
<tr>
<th>You must meet the requirements…</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspect the area to be cleaned</td>
<td>WAC 296-878-13005</td>
</tr>
<tr>
<td>Inspect window-cleaning equipment before use</td>
<td>WAC 296-878-13010</td>
</tr>
</tbody>
</table>

(4/22/14)
Safety Standards for Window Cleaning

WAC 296-878-13005 Inspect the area to be cleaned.
(1) You must inspect the building before cleaning to make sure there are no areas that can damage worker fall protection equipment and window-cleaning equipment. Inspect:
(a) Sharp edges of parapets;
(b) Window frames;
(c) Open projected windows;
(d) Cornices;
(e) Overhangs;
(f) Any other areas that may abrade, sever, weaken, or damage the equipment.

(2) You must make sure all working surfaces are safe and free from hazards such as:
(a) Grease;
(b) Oil;
(c) Other slippery substances.

WAC 296-878-13010 Inspect window-cleaning equipment before use. (1) You must store your window-cleaning equipment in a way that:
(a) Is easy to get to, inspect, and safely take out for use;
(b) Provides protection from moisture, sunlight, or corrosion.

(2) You must make sure a competent person inspects these items before each use:
(a) Window-cleaners’ belts;
(b) Boatswain’s chairs;
(c) All components of rope descent systems;
(d) Suspension devices;
(e) Certified roof anchorages;
(f) Primary support ropes or lines;
(g) The descent device;
(h) Carabiners or shackles;
(i) A seatboard or boatswain’s chair;
(j) Wear points on rope descent system components exposed to constant friction.

(3) You must make sure you do not use any piece of window-cleaning equipment with defects.
(a) Prohibit makeshift repairs to any piece of window-cleaning equipment;
(b) Label any piece of window-cleaning equipment that is defective "dangerous, do not use."

(4) You must secure any padding or softeners so they do not come loose from:
(a) The surface of the building;
(b) The rope if not attached to the building.

WAC 296-878-140 Develop site-specific service and emergency recovery plans.
Summary

<table>
<thead>
<tr>
<th>You must meet the requirements…</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop a site-specific service and emergency recovery plan for window-cleaning operations</td>
<td>WAC 296-878-14005</td>
</tr>
</tbody>
</table>

WAC 296-878-150 Equipment.
Summary

<table>
<thead>
<tr>
<th>You must meet the requirements…</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select and use appropriate equipment</td>
<td>WAC 296-878-15005</td>
</tr>
<tr>
<td>Select appropriate rope for suspended equipment</td>
<td>WAC 296-878-15015</td>
</tr>
<tr>
<td>Select appropriate carabiners</td>
<td>WAC 296-878-15020</td>
</tr>
<tr>
<td>Use fall protection equipment</td>
<td>WAC 296-878-15025</td>
</tr>
</tbody>
</table>
vided to workers for window-cleaning operations is engineered, designed, and intended for use in commercial applications.

Note: Equipment that is designed or labeled for recreational use or rescue use only is prohibited for use in window-cleaning operations.

(2) You must make sure that the window-cleaning equipment is not altered unless it is specifically approved in writing by the original manufacturer or a registered professional engineer.

(3) You must provide manufacturer's instructions to employees for all window-cleaning equipment they will use.

Reference: Use Table 1 for other window-cleaning equipment requirements.

Table 1

<table>
<thead>
<tr>
<th>If you use:</th>
<th>Then follow all requirements in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable ladders</td>
<td>WAC 296-800-876, Ladders portable and fixed</td>
</tr>
<tr>
<td>Supported scaffolds</td>
<td>Chapter 296-24 WAC, Scaffolds</td>
</tr>
<tr>
<td>Suspension ropes and lifelines</td>
<td>Chapter 296-24 WAC, Scaffolds</td>
</tr>
<tr>
<td>Powered and manual hoists</td>
<td>Chapter 296-24 WAC, Scaffolds</td>
</tr>
<tr>
<td>Suspended scaffold equipment</td>
<td>Chapter 296-24 WAC, Scaffolds</td>
</tr>
<tr>
<td>Single and multipoint adjustable suspension scaffolds</td>
<td>Chapter 296-24 WAC, Scaffolds</td>
</tr>
<tr>
<td>Powered platforms</td>
<td>Chapter 296-24 WAC, PART J-3, Powered platforms</td>
</tr>
</tbody>
</table>

Note: You may secure a rope to an anchor with a knot if normal daily use of the rope will not decrease its initial breaking strength below five thousand pounds.

WAC 296-878-15015 Select appropriate rope for suspended equipment. You must make sure all rope used for suspended equipment has a minimum breaking strength of five thousand pounds.

WAC 296-878-15020 Select appropriate carabiners. (1) You must use carabiners for connecting hardware or attaching boatswains' chairs, descent devices, and lifelines to anchors.

(2) You must use carabiners with a minimum tensile load of five thousand pounds.

(3) You must make sure carabiners are either manual or auto-locking.

You must meet the requirements in this section:

Provide warning signs and barricades when suspended equipment is used

WAC 296-878-16005

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-160, filed 4/22/14, effective 1/1/03.]
WAC 296-878-170  Power line clearances.

Summary

<table>
<thead>
<tr>
<th>You must meet the requirements...</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintain clearance between window cleaners and power lines</td>
<td>WAC 296-878-17005</td>
</tr>
</tbody>
</table>

WAC 296-878-17005  Maintain clearance between window cleaners and power lines. (1) You must maintain clearances between window cleaners and power lines as indicated in Tables 2 and 3.

Table 2
Minimum Clearances from Power Lines – Insulated Lines

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Minimum distance</th>
<th>Alternatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 300 volts</td>
<td>3 feet (0.9 m)</td>
<td>----</td>
</tr>
<tr>
<td>300 volts to 50 kv</td>
<td>10 feet (3.1 m)</td>
<td>----</td>
</tr>
<tr>
<td>More than 50 kv</td>
<td>10 feet (3.1 m) plus 0.4 inches (1.0 cm) for each 1 kv over 50 kv</td>
<td>2 times the length of the line insulator, but never less than 10 feet (3.1 m)</td>
</tr>
</tbody>
</table>

(2) You must follow these procedures when window cleaners need to get closer to power lines than allowed in Tables 2 and 3:

(a) Notify the utility company or electrical system operator of the need to work closer than the minimum clearances to power lines before starting the work;

(b) Begin the work only when the utility company or electrical system operator has deenergized or relocated the electrical system operator has deenergized or relocated the electrical system operator has deenergized or relocated the electrical system operator has deenergized or relocated the electrical system operator has deenergized or relocated the electrical system operator has deenergized or relocated the electrical system operator has deenergized or relocated the lines, or installed protective coverings to prevent accidental contact with the lines.

WAC 296-878-180  Window-cleaners' belts and anchors.

Summary

<table>
<thead>
<tr>
<th>You must meet the requirements...</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select appropriate window-cleaners' belts and anchors</td>
<td>WAC 296-878-18005</td>
</tr>
<tr>
<td>Inspect the anchors you plan to use for window cleaning</td>
<td>WAC 296-878-18010</td>
</tr>
<tr>
<td>Use window-cleaners' belts safely</td>
<td>WAC 296-878-18015</td>
</tr>
<tr>
<td>Move safely on the outside of buildings</td>
<td>WAC 296-878-18020</td>
</tr>
</tbody>
</table>

WAC 296-878-18005  Select appropriate window-cleaners' belts and anchors. You must make sure window-cleaners' belts and anchors conform to the:

(1) Design, manufacture, and maintenance requirements of ANSI/IWCA 1-14.1-2001; and

(2) Manufacturer's specifications.

WAC 296-878-18010  Inspect the anchors you plan to use for window cleaning. (1) You must make sure you do not use anchors if they:

(a) Appear to be damaged;
(b) Appear deteriorated;
(c) Appear to be worn;
(d) Appear to be loose;
(e) Appear to be unsecured to the building or window frame;
(f) Will not allow the belt terminal to easily slip over the anchor head.

(2) You must use window-cleaners' belts only if:

(a) The area to be cleaned is safe;
(b) All anchors intended for use are safe.

(3) You must make sure window ledges and frames will not impair the safe use of the window-cleaner's belt.

Note: If unsafe anchors are found, report them to the building owner or manager and do not use them.

(4/22/14)
## WAC 296-878-18015 Use window-cleaners' belts safely

1. You must make sure workers do not extend more than one arm beyond the window sash when cleaning windows from inside a building.
2. You must attach one belt terminal to an anchor before you put more than one arm outside the window.
3. You must pull on the terminal strap and look for signs of damage to the anchor.
4. You must attach both belt terminals to anchors before climbing out the window.
5. You must keep all belt terminals attached during the entire cleaning operation.
6. You must make sure the worker keeps one terminal attached to an anchor when reentering the window and until the worker is inside.

### Note

Anchors can be up to seventy-two inches apart if:
1. The sill or ledge is continuous;
2. The sill or ledge is at least twelve inches wide;
3. The sill or ledge has a slope less than five degrees;
4. There is at least six inches of window sill in front of the mullions.

## WAC 296-878-18020 Move safely on the outside of buildings

1. You must make sure you travel on the outside of the building only when:
   - You keep at least one window-cleaner's belt terminal attached at all times;
   - The anchors are not more than forty-eight inches apart.

### Note

Suspension height may be up to one hundred thirty feet above the grade or building setback if the boatswain's chair rigged with a block and tackle has all of the following:
1. An automatic braking system;
2. A design that minimizes the amount of force required to raise or lower the suspended worker;
3. An automatic braking system that automatically maintains an elevation when no force is applied to the tackle;
4. A system that does not slip.

## WAC 296-878-19005 Select appropriate boatswains' chairs

Select appropriate boatswains' chairs

<table>
<thead>
<tr>
<th>You must meet the requirements…</th>
<th>in this section:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safely use boatswains' chairs rigged with a block and tackle</td>
<td>WAC 296-878-19010</td>
</tr>
</tbody>
</table>

## WAC 296-878-19010 Safely use boatswains' chairs rigged with a block and tackle

1. You must make sure the rate of descent is not exceeded.
2. You must make sure the system has not been damaged and is maintained in good working order.
3. You must make sure that the suspension height of seventy-five feet above the grade is not exceeded.

### EXEMPTION

Suspension height may be up to one hundred thirty feet above grade or building setback if the boatswain's chair rigged with a block and tackle has all of the following:
1. An automatic braking system;
2. A design that minimizes the amount of force required to raise or lower the suspended worker;
3. An automatic braking system that automatically maintains an elevation when no force is applied to the tackle;
4. A system that does not slip.

4. You must prohibit tying any kind of knot in a block and tackle system to maintain elevation.

5. You must make sure another worker is stationed below any boatswain's chair rigged with a block and tackle who can assist the suspended employee.

6. You must make sure workers do not attempt to increase the work area by swaying, swaying, or other maneuvers.

### [Ch. 296-878 WAC p. 6](4/22/14)
WAC 296-878-200  Rope descent systems.

Summary

You must meet the requirements... in this section:

Select appropriate rope descent systems WAC 296-878-20005

Safely use rope descent systems WAC 296-878-20010

Safely use rope descent devices WAC 296-878-20015

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-200, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-200, filed 10/28/02, effective 1/1/03.]

WAC 296-878-20005  Select appropriate rope descent systems. (1) You must make sure the rope descent system is designed, used, and maintained according to:

(a) ANSI/IWCA 1-14.1-2001;
(b) The manufacturer's instructions.

(2) You must make sure the rope descent system has been manufactured and is intended to be used for window cleaning.

Note: Equipment that is designed or labeled for recreational use or rescue use only is prohibited for use in window-cleaning operations.

(3) You must make sure the rope descent system components are compatible and have a minimum tensile strength of five thousand pounds. This does not apply to the seatboard.

(4) You must make sure the rope descent system has specific use instructions for each component.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-20005, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-200, filed 10/28/02, effective 1/1/03.]

WAC 296-878-20010  Safely use rope descent systems. (1) You must make sure the rope descent system is designed, used, and maintained according to:

(a) ANSI/IWCA 1-14.1-2001;
(b) The manufacturer's instructions.

(2) You must make sure the seatboard or boatswain's chair before being suspended.

(3) You must make sure workers are positioned in the seatboard or boatswain's chair before being suspended.

(4) You must make sure workers do not reach more than six feet in any direction as measured from a centerline straight down from where the suspension rope bears on the building.

(5) You must make sure workers do not descend rapidly, swing excessively, or stop suddenly.

(6) You must make sure that, in addition to the suspended worker, there is one other person at the job site who is skilled in using the rope descent system and rescue procedures.

(7) You must make sure you do not exceed a three hundred-foot height of descent as measured from grade or building setback unless the windows cannot be safely and practically accessed by other means.

(8) You must make sure your site-specific service plan addresses the following hazards for descents over one hundred feet:

(a) Sudden weather changes, such as wind gusts, microbursts, or tunneling wind currents;
(b) Inability of the rope descent system to function without using excessive force;
(c) Workers suspended for long periods of time;
(d) Rerigging and movement of main suspension and safety lines.

(9) You must stabilize workers suspended from a rope descent system whenever the descent is higher than one hundred feet, as measured from grade or building setback.

(10) You must prohibit workers from working when wind speed makes any stabilization equipment ineffective.

Note: Provisions for stabilizing workers may include:

1. Continuous stabilization, such as mufflon tracks;
2. Intermittent stabilization, such as detent pins/buttons;
3. Work station stabilization, such as suction cups.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-20010, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-200, filed 10/28/02, effective 1/1/03.]

WAC 296-878-20015  Safely use rope descent devices. (1) You must make sure the rated capacity or the maximum intended load, whichever is less, is not exceeded.

(2) You must make sure the descent device manufacturer's specifications for rope diameter and construction are followed.

(3) You must make sure the rope is rigged through the descent device for a controlled rate of descent.

(4) You must make sure the attachment point on the descent device is one piece with no gates or openings.

(5) You must make sure the descent device will remain stationary when positive action is taken.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-20015, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-200, filed 10/28/02, effective 1/1/03.]

WAC 296-878-210  Equipment prohibited. Summary

You must meet the requirements... in this section:

Prohibit equipment from use WAC 296-878-21005

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-210, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-210, filed 10/28/02, effective 1/1/03.]

WAC 296-878-21005  Prohibit equipment from use. You must prohibit use of the following equipment for window-cleaning operations:

(1) Portable sills;
(2) Window jacks;

(4/22/14) [Ch. 296-878 WAC p. 7]
(3) Capstan devices to suspend workers;
(4) Suspension or fall-arrest ropes that are made entirely of polypropylene.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-878-21005, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 02-22-027, § 296-878-21005, filed 10/28/02, effective 1/1/03.]