

Summit Anchor Company, Inc.®

Safety From The Top Down

Testing & Certification



**Suspended Access Systems and
Fall Protection**

Shop Testing Summit Anchor Co. Products

Summit Anchor Co. systematically tests representative anchor models in our facilities to verify that our equipment complies with OSHA regulations and ANSI/IWCA I-14.1 Window Cleaning Safety Standards load requirements. All equipment we manufacture is supported by a test report documentation of raw materials and the finished product, so you can be certain that the equipment will meet load requirements if installed correctly.



On-site Testing

When Summit Anchor Co. installs your equipment, you will also have the benefit of the initial certification letter by a P.E., certifying that the equipment meets all load requirements as installed. When you receive the close out documents, we will provide a proposal for budgeting the annual inspections required to keep your system code-compliant. We also test and evaluate suspended access equipment that may have been installed in the past by others. Upon completion of on-site compliance evaluation and testing, Summit Anchor Co. can provide you a condition report certified by a P.E. If Summit Anchor Co. supplies your equipment but does not install it, we may still be able to certify the equipment as installed, provided equipment passes load test and inspection under the supervision of a P.E.



On-site Review of Equipment

If it appears that your building's roof does not have sufficient anchorages to meet safety standards, we can perform a review of your suspended maintenance equipment. Factors such as anchor spacing and independence of anchorages for fall arrest and fall protection are considered. Our rooftop review will be supported by a written report with recommendations for any modifications. Contact us for details.

Safety Standards

ANSI/IWCA I-14.1, 2001 Window Cleaning Safety Standard affirms the following:

“Building owners and window cleaning contractors shall not allow suspended work to be performed unless it has been determined that the building has provided, identified, and certified anchorages...” (Sec. 3.9 Anchorages)

“Anchorages shall be inspected annually by a qualified person. Anchorages shall be re-certified when re-roofing or renovating, or at periods not to exceed 10 years.” (Sec. 9.1.9 Anchorages and Fall Protection)

Frequently Asked Questions

Question:

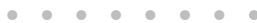
Is certification of anchors required?

Answer:

The ANSI/IWCA I-14.1 Window Cleaning Safety Standard, Sec. 8 Inspection and Testing, para. 8.1.1 Newly Installed Equipment, states: “Before initial use by window cleaner(s), the following equipment (as provided for a specific building) shall be successfully demonstrated by the vendor with the rated load under the complete range of operation and so be certified.”

The ANSI/IWCA I-14.1 Window Cleaning Safety Standard, Sec. 3.9 Anchorages, also states: “Building owners and window cleaning contractors shall not allow suspended work to be performed unless it has been determined that the building has provided, identified, and certified anchorages...”

Although the ANSI/IWCA I-14.1 Window Cleaning Safety Standard is a voluntary standard, it is an industry consensus standard that has been cited by OSHA compliance officers and in litigation when a window cleaner has been hurt or killed.



Question:

To what standard can anchors be certified?

Answer:

Rope descent systems and other suspended access systems can be certified to the ANSI/IWCA I-14.1 Window Cleaning Safety Standard. This standard is an accepted industry standard and testing criteria (see Section 8).

Some examples of other standards and applicable regulations include:

- OSHA Standard Interpretation “Procedures and precautions for employees using descent control equipment.” (04/07/1999)
- OSHA Regulations (Standards-29 CFR) 1910.28 Safety Requirements for Scaffolding.
- OSHA Regulations (Standards-29 CFR) 1910.66 Powered Platforms for Building Maintenance.
- ANSI/ASME A120.1 Safety Requirements for Powered Platforms for Building Maintenance

Note: Some states and municipalities (e.g. State of California and New York, City of Chicago) have additional requirements that apply to window cleaning equipment.



Question:

Does having anchorages certified to OSHA 1910.66 mean that the entire building is safe for rope descent and window cleaning operations?

Answer:

Not necessarily. This regulation specifically applies to “Powered Platforms for Building Maintenance.” Although this standard states that anchorages are required to be capable of supporting 5,000 pounds, it does not address anchor spacing issues. Anchor spacing issues are addressed in the ANSI/IWCA I-14.1 Window Cleaning Safety Standard. Proper anchor spacing is critical to providing a safe working environment.



Question:

How can building managers and owners determine if their existing roof equipment is in compliance with current standards?

Answer:

Summit Anchor Company can perform an on-site review of your suspended maintenance equipment to determine if your current equipment is in compliance with safety standards. Our rooftop review will be supported by a written report with recommendations for any modifications. Contact us for details.



Question:

What is the purpose of a log book and is it required?

Answer:

ANSI/IWCA I-14.1 Window Cleaning Safety Standard, Sec. 7.3.2, states: “Log books shall be established and maintained; one that is on file at the building for equipment and anchorages dedicated to the building and one kept by the window cleaner for his transportable equipment, recording each major maintenance activity, the date of the maintenance activity, and signature of the inspector.”



Question:

What load capacity should suspended access equipment be certified to?

Answer:

The manufacturer should be consulted since load capacity varies. Summit Anchor Company load capacities are as follows:

Anchors and Rigging Sleeves:

- 1,250 lbs. Working load limit (Typical. Must be based on hoist capacity in suspended scaffold applications)
- 2,500 lbs. Proof load
- 5,000 lbs. Ultimate load

Davits:

- 1,000 lbs. Allowable load (Typical. Must be based on hoist capacity in suspended scaffold applications)
- 2,000 lbs. Test load
- 4,000 lbs. Ultimate load

Monorails:

- 1,000 lbs. Allowable load
- 1,250 lbs. Operational Test load



[CLICK HERE](#) to see Summit Anchor Company specifications for more information.