

Existing Installations

WAC 296-870-500

Section Contents

IMPORTANT:

This section applies to permanent powered platform installations that meet **all** of the following:

- The installation was completed between August 27, 1971, and July 24, 1990
- There has been no major modification to the installation after July 23, 1990
- The working platforms use electric-powered, winding drum type hoisting machines.



Notes:

- Platforms operated by other types of power and using other types of hoisting machines are allowed if they:
 - Have adequate protective devices for the type of power used**and**
 - Provide reasonable safety for persons using or exposed to the equipment
- Other types of hoisting machines include, but aren't limited to, machines such as traction drum hoisting machines, air powered machines, hydraulic powered machines, and internal combustion machines.



Definition:

- An *existing installation* is a permanent powered platform installation that:
 - Was completed before July 23, 1990**and**
 - Has had no major modification done after July 23, 1990.



Existing Installations

WAC 296-870-500

Section Contents

YOUR RESPONSIBILITY:

To make sure powered platform installations completed between August 27, 1971, and July 24, 1990, meet these building and equipment requirements

Design, construction, and installation WAC 296-870-50005	500-3
Fall Protection WAC 296-870-50010	500-4
Electrial WAC 296-870-50015	500-5



Existing Installations

WAC 296-870-500

Rule

WAC 296-870-50005

Design, construction, and installation

You must

- Make sure powered platforms designated as Type F meet all the requirements in Part II of ANSI A120.1-1970, American National Standard Safety Requirements for Powered Platforms for Exterior Building Maintenance.



Definition:

- A *Type F powered platform* has both of the following characteristics:
 - The working platform is suspended by at least 4 wire ropes and designed so that failure of any one wire rope won't substantially alter the normal position of the working platform
 - Only one layer of hoisting rope is permitted on the winding drums.

You must

- Make sure powered platforms designated as Type T meet all the requirements in Part III of ANSI A120.1-1970 American National Standard Safety Requirements for Powered Platforms for Exterior Building Maintenance except for section 28, Safety belts and lifelines.



Definition:

A *Type T powered platform* has a working platform that's suspended by at least 2 wire ropes. The platform won't fall to the ground if a wire rope fails, but the working platform's normal position would be upset.



Existing Installations

WAC 296-870-500

Rule

WAC 296-870-50010

Fall protection

You must

- Make sure the fall protection system of both Type F and Type T powered platforms meet the requirements of Appendix C-Personal fall arrest system, WAC 296-24-88050, found in the General Safety and Health Standards, Chapter 296-24 WAC.
- Make sure working platforms have permanent guardrails that meet all of the following requirements:
 - Guardrails on the building side (front) of the platform have a top rail that isn't less than 38 inches and not more than 45 inches high.
 - Guardrails on the other three sides have a top rail that isn't less than 45 inches high.
 - Top rails are able to withstand a force of at least 200 pounds
 - Guardrails have a midrail around the entire platform between the top rail and the toeboard.



Reference:

Ramps and walkways that are 4 feet (1.2 m) or more above a lower level need to have a guardrail system. These requirements are found in Working Surfaces, Guarding Floors and Wall Openings, Ladders, Part J-1, in the General Safety and Health Standards, Chapter 296-24 WAC.



Existing Installations

WAC 296-870-500

Rule

WAC 296-870-50015

Electrical

You must

- Make sure electrical wiring and equipment meets the requirements of the National Electric Code, NFPA 70-1987, ANSI C1-1987, except as modified by ANSI A120.1-1970 American National Standard Safety Requirements for Powered Platforms for Exterior Building Maintenance.
- Make sure runway conductor systems are:
 - Designed for use in exterior locations

and

 - Located to prevent contact with water or accumulated snow.
- Make sure conductors, collectors, and disconnecting means meet the requirements for cranes and hoists in Article 610 of the National Electrical Code, NFPA 70-1987, ANSI C1-1987.
- Make sure the power conductors are paralleled by a grounded conductor that meets both of the following:
 - It can't be opened by the disconnecting means

and

 - The system is designed to not pose a hazard to persons in the area.



Notes
