

What is a Pendulum post and do I need pendulum posts in my design?

In sloped roof applications where a ridge or off ridge horizontal lifeline has been installed there may be a call for adding what is called a pendulum post in each of the buildings corners. These posts are designed to limit the chance for swing fall to those utilizing a rope, rope grab and short shock absorbing lanyard to access the far reaches of the roof.

If there were no pendulum post utilized a worker could easily make their way down to the lower level of the roof and should they fall off of the gable ends they would incur a fall which would lead to a tremendous swing. This swing could allow them to contact either the side of the building, the next lower level or on single story roofs, the ground.

If a pendulum post is installed, the worker would use a carabiner and clip his rope into this post when approaching the corner. This one extra step will reduce greatly or eliminate the potentially dangerous swing fall.

The importance of this tie in process must be instilled in the maintenance workers or contractors through site specific training. This training is not only necessary, but is required by OSHA for anyone who may be accessing the rooftop.



