Fall Restraint Example

Fig.1

The lifeline length between the anchor point above and the rope grab are not increased. A free fall is limited to 6ft in the event the worker falls over the leading edge.

No Adjustment to Rope Grab Position

Rope Grab Position

Rope Grab Position Fixed

Leading Edge

(FAZ), see pg.41. Rope grabs, fall arresters and termination knots provide a way to fix a workers position on the lifeline and limit free falls to 6ft within the FAZ. If the fixed position is moved down the lifeline in order to continue working along the leading edge outside the FAZ, it will subject the worker to a free fall greater than 6ft.

Fall restraint zones are areas outside a specified fall arrest zone

Fig.2

Rope Grab and limiter knot are positioned on the lifeline to prevent travel over the leading edge.



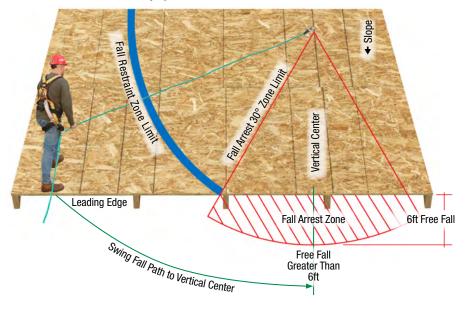
Fig.3

Max. Free

Fall 6ft

Adjusting the rope grab and limiter knot in order to move out of the FAZ along the leading edge, creates a swing fall and free fall of more than 6ft exposing the worker to serious injury or death in the event of a fall.

Fall Arrest Zone



Limiter Knot Function

The limiter knot functions as a failsafe. When properly positioned on the lifeline, prevents the rope grab from unintentional disengagement in the event of a fall.

Fall Arrester/Rope Grabs Fig. 4 No.4015-C Fall Arrester Fig. 5 No.4015-V ValueGrab™ Fig. 6 No.4015-M Integral Adjuster