

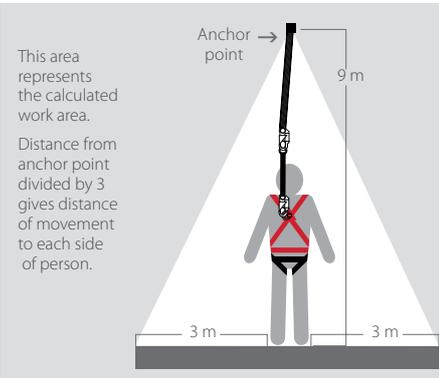
ROOF SAFETY WORK FORMULAS



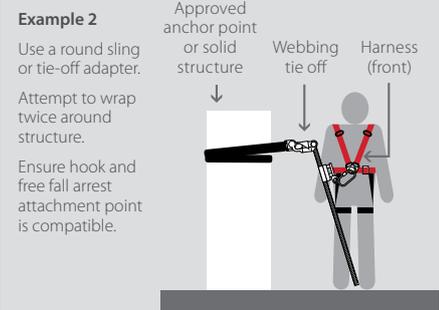
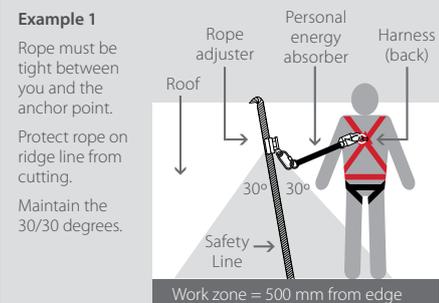
Calculating fall distances and clearances using traditional energy absorbing lanyard. Fall distance reduced with Shockyard

Before Fall	After Fall	Anchorage	Calculation
		Lanyard length	2 m
		Required distance for energy absorber to decelerate	1.75 m
		Worker height	1.8 m
		Safety/Residual clearance	1 m
Total			6.55 m

Work zone formula - overhead anchors

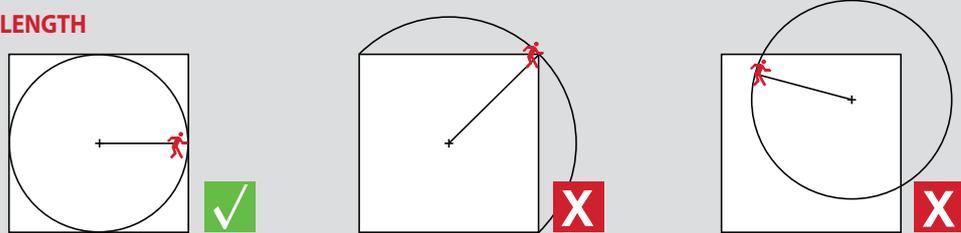


Work zone formula - connecting safety lines



ANCHOR PLACEMENT / ROPE LENGTH

Ensure correct rope length is used to avoid potential fall situation



ANCHOR PLACEMENT

Incorrect anchor layouts create large dead zones. Correct anchor layouts reduce dead zones

