

Determining Fall Clearance



Do you have enough clearance

- Are there structures you could hit below you?
- Are there structures you could swing into?
- Are you working over dangerous equipment?
- Are you working over rebar?

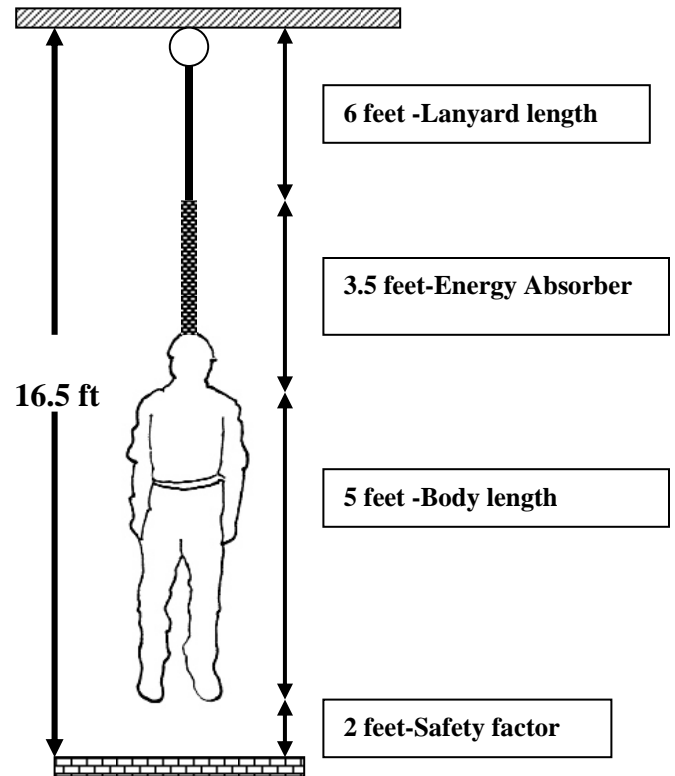
Ways to shorten clearance distance

- Higher anchor point
- Different equipment

Clearance from Anchor point to Ground

- Length of Lanyard.....6ft
- Length of Energy Absorber.....3.5 ft
- Length from feet to D-ring.....5 ft
- Safety Factor to ground.....2 ft

Total Distance Required.....16.5 feet

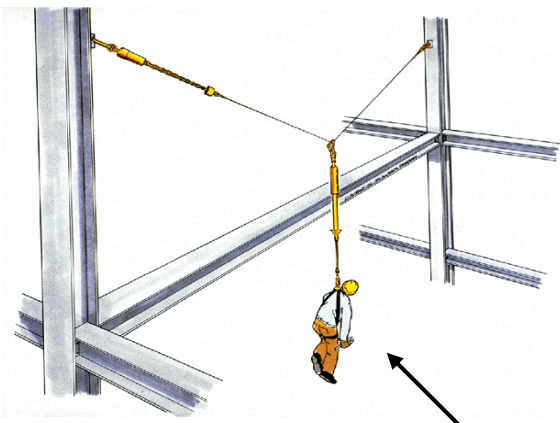


Clearance for lanyards designed for severe free fall can add 6 inches to clearance distance

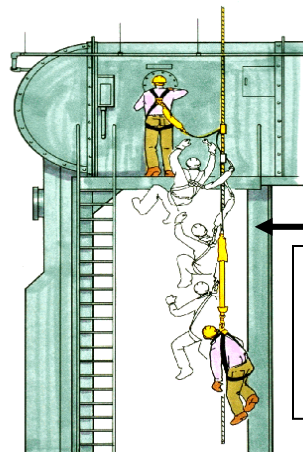
Clearance consideration for various equipment can differ.
Read manufacturers instructions before using your equipment!



Retractable lifelines can reduce clearance requirements



Horizontal lifelines will sag and can increase clearance distance required



Rope lifelines stretch as much as 10%-15% which must be considered when determining clearance