

Harnesses

EN 361:2002

Personal protective equipment against falls from a height. Full body harness.

This standard states that the harness has passed the free fall test involving a free fall drop with a 100kg weight in the harness to simulate a person. This shows how the harness will respond in a fall.

EN 358:2000

Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning.

This standard confirms that the work positioning belt and lanyard have withstood a static force test for more than 3 minutes without releasing the load.

Arrest Blocks

EN 360:2002

Personal protective equipment against falls from a height. Retractable type fall arresters.

This standard deals with fall arrester with self locking device and a self-retractable system for the lanyard. An energy dissipating element can be built-in to the equipment.

Lanyards

EN 354:2010

Personal protective equipment against falls from a height. Lanyards.

This standard indicates that the lanyard has withstood a free fall test without releasing the load or doing undue damage to it.

EN 355: 2002

Personal protective equipment against falls from a height. Energy absorbers.

This standard is for lanyards with shock absorbers. These are lanyards that are suitable for attachment to a full body harness and connection to an anchorage point. The shock absorber part of the lanyard reduces the shock caused in the event of a fall being arrested by slowing down the speed of the arrest.

Connectors / Rope/Rope Grabs

EN 362:2004

Personal protective equipment against falls from a height. Connectors.

This standard shows that all connectors in this range have passed the strength test required for this standard.

EN 353-2:2002

Personal protective equipment against falls from a height. Guided type fall arresters including a flexible anchor line.

This standard describes the different test methods for traveling devices incorporated into a systems made up of a line intended to be fixed (either temporarily or permanently) to a structure.

EN 1891:1998

Personal protective equipment for the prevention of falls from a height. Low stretch kernmantel ropes.

This standard confirms that low stretch kernmantel ropes have the ability for low extension during normal work activities but the ability to withstand forces generated by a fall.

Introduction to Fall Protection

There are 3 general terms used to categorise the use of fall protection equipment.



Work Restraint

A risk assessment is carried out to determine the circumstances under which the risk of falling can be eliminated by limiting the user's movement to a safe distance from the fall hazard. This is an excellent preventative measure to insure a safe working environment at height.

Areas of use -

- Roof top work
- Powered access equipment
- Fall protection on vehicles
- Facilities management
- And many more

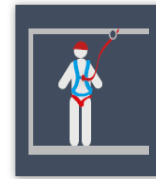


Work Positioning

This refers to the application of fall protection equipment in scenarios where users need to be suspended in work positions for jobs that need to be carried out at height. Adequate training is required for the user in order to use fall protection equipment in this manner. It is common for this type of fall protection to be accompanied by a fall arrest system.

Areas of use -

- Telecom
- Utilities
- Industrial rope access
- Confined space
- And many more



Fall Arrest

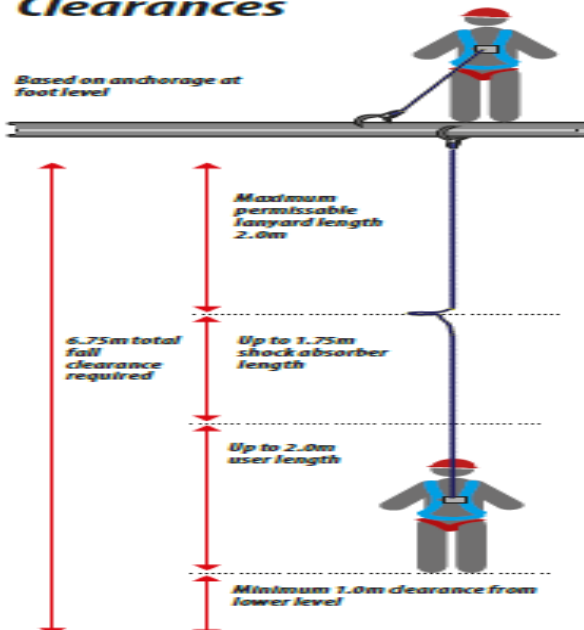
Fall arrest systems aim to avoid all circumstances where the risk of falling is a hazard by arresting the fall in a safe and controlled manner. This enables the user to perform their work at height without fear of serious injury. Careful consideration is given when setting up these systems to ensure adequate clearance for the user from the ground and to avoid any contact with obstacles in the event of a fall. Moreover, a rescue plan in the event of a fall arrest occurring, is included as part of the planning process since prolonged suspension at height can be dangerous.

Areas of use -

- Scaffolding
- Wind energy
- Tower crane erection and maintenance
- High bay pallet racking
- And many more

Lanyard Fall Clearances

Based on anchorage at foot level



Fall Arrest Block Clearance

