

A STANDARDISED EUROPEAN STANDARDS OF **FALL ARREST EQUIPMENT**

All arrest equipment include different products adapted to the run risks and to the necessary protection.

These products (full body harness, fall arrester on anchorage line, work positioning systems, energy absorbers, self-retractable fall arrester, accessories) are governed by the European standards on Personal Protective Equipment (PPE).

You will find, below, a summed up presentation of every standard.

- **Standards applicable to all products :**
 - **EN 363** : fall arrest equipment
 - **EN 364** : test methods
 - **EN 365** : general requirements for directions for use and marking

- **Other standards :**
 - **EN 353-1** : mobile fall arrester on rigid anchorage line
 - **EN 353-2** : mobile fall arrester on flexible anchorage line
 - **EN 354** : lanyards
 - **EN 355** : energy absorbers
 - **EN 358** : work positioning system
 - **EN 360** : self-retractable fall arrester
 - **EN361** : full body harness
 - **EN 362** : connector
 - **EN 795** : anchorage devices

EN363 standard : Fall arrest equipment

Set of personal protective equipment against falls from a height, linked to one another and intended to stop a fall. A fall arrest equipment must contain at least a full body harness and a fall arrest equipment.

EN364 standard : Test method

Describes the different test methods of the various PPE against falls from a height, as well as the test equipment.

EN365 standard : : General requirements for the instructions for use and the marking

Description of the marking which must figure on the PPE against falls from a height and of the information which must appear on the instructions for use.

EN353-1 standard : Mobile fall arrester on rigid anchorage line

Equipment consisting of a mobile fall arrester with self locking, integral with its rigid anchorage line (rail, cable...). An energy dissipating element can be built-in in the equipment.

EN353-2 standard : Mobile fall arrester on flexible anchorage line

Equipment consisting of a mobile fall arrester with self locking, integral with its flexible anchorage line (rope, cable...). An energy dissipating element can be built-in in the equipment.

EN354 standard : Lanyards

Connection elements or equipment component. A lanyard can be in rope made of synthetic fibers, in metallic rope, in strap or in chain. Maximum length : 2m.
Caution : A lanyard without energy dissipating element must not be used as a fall arrest equipment.

EN355 standard : Energy absorbers

Component of a fall arrest equipment, which guarantees the stop of a fall from a height in safety by reducing the impact of the shock.

EN358 standard : Work positioning system

A work positioning system consists of components (work positioning belt and lanyard) linked to one another to form a complete equipment.

EN360 standard : Self-retractable fall arrester

Fall arrester with self locking device and a self-retractable system for the lanyard. An energy dissipating element can be built-in in the equipment.

EN361 standard : Full body harness

Body gripping device intended to stop falls. The full body harness can be made of straps, buckles and other elements ; set and adjusted in a right way on the body of an individual to hold him back during a fall and afterwards.

EN362 standard : Connector

Connection element or equipment component. A connector can be a karabiner or a hook.

EN795 standard : Anchorage devices

Element to which a personal protective equipment can be fastened.

- **A1 class : no PPE**
Consists of anchorage points designed to be fixed on vertical, horizontal and leaning surfaces (walls, columns, lintels).
- **A2 class : no PPE**
Consists of anchorage points designed to be fixed on leaning roofs.
- **B class : PPE**
Consists of mobile temporary anchorage devices.
- **C class : no PPE**
Consists of anchorage devices fitted with horizontal flexible anchorage lines “life line”, admitted sloping : 15°.
- **D class : no PPE**
Consists of anchorage devices fitted with horizontal rigid anchorage rails.
- **E class : PPE**
Consists of dead weight anchors to be used on horizontal surfaces, admitted sloping : 5°