Tender document

Fall arrest lifeline

**Pos. XX.XXX : Fall Arrest Rail**

The SafeAccess fall arrest lifeline complies to standard EN795: 2012 Type D and to technical specification TS16415: 2013. The rail can be used by 2 to 4 users simultaneously between two supports.

The rail is ATEX category 2 certified for explosive atmospheres in industrial and petrochemical applications.

The SafeAccess rail is ideal for intensive configurations (eg unloading docks) and configurations where there is a large distance between the rail and the user. The SafeAccess rail is always installed on the ceiling, in order to reduce the fall distance.

The rail is made of 6060 grade aluminium. The surface is powder coated RAL7040 Qualicoat class 1 category 3. Thanks to the surface treatment, the rail can be installed in a marine environment. The rail elements are linked by high-strength 6062 aluminium junctions. These junctions are riveted to prevent loosening.

At each end of the rail is installed a fixed or retractable end stop.

The rail is certified for a span of 6000mm between brackets.

The maximum deflection in the event of a fall is max. 50mm. The maximum force transmitted to the rail in the event of a simultaneous fall of 4 users is 9kN.

The rail can be bent. Standard 90 ° curves have a radius of 600mm. Customized curves are also available on demand.

A SafeAccess trolley with ball bearing slides on the rail. The user must be able to circulate throughout the system without ever disconnecting from it.

An identification plate is installed on each system.

Brand: Fallprotec

Type: SafeAccess

Meters:

**Pos. XX.XXX : Fixing brackets**

SafeAccess is connected to a fixing bracket by stainless steel hammer head nuts.

The fixing bracket is adapted to the type of hoist structure. The SafeAccess is always fixed on a rigid structure such as concrete or vertical/ horizontal steel beams.

If the loading dock is located outside and there is no hoist structure nearby, then the installer must provide Flexbow cantilever supports of 6000mm in height and 2500mm outreach.

These Flexbow supports are anchored in a concrete foundation designed according to the configuration of the site.

The distance between brackets is maximum 6000mm.

The brackets must be non-deformable in the event of a fall.

The supports are either hot-dip galvanized steel or stainless steel and can be powder coated RAL1023 (yellow signage) on request.

The offer includes the layout drawings, the supply and installation of the material and the commissioning by a specialized inspection company or a competent person authorized by the manufacturer.

Brand: Fallprotec

Type: SafeAccess

Units:

**Pos. XX.XXX: Personal protective equipment (P.P.E.)**

Cabinet to store the PPE equipment containing:

* 2 harnesses conform to EN361
* 2 retractable fall arresters complying with EN360
* 4 connectors conform to EN362
* 2 SafeAccess trolleys conform to EN795 : 2012 Type D

Note: If the overhead lifeline is not easily accessible the trolley and retractable fall arrest device must stay permanently on the system. In that case, the quantities may be higher.

Brand: Fallprotec

Type: Prolight