Tender document

Vertical fall arrest rail clamped on ladder

**Pos. XX.XXX : Vertical fall arrest rail**

The vertical fall arrest rail is clamped on an existing ladder to secure the workers against the risk of falls. The end user wears a fall arrest harness complying to EN361 and connects a vertical fall arrest trolley to the rail. In case of a fall the trolley locks instantly onto the fall arrest track, through a came mechanism. When climbing up and down, the trolley moves easily along the rail. The end user doesn’t need to disconnect at any point upon reaching the roof.

The vertical fall arrest rail is certified in accordance to the European standard EN353-1:2014.

The fall arrest rail is made of high-grade aluminium 6060T6. The rail is anodized and can be installed in marine environment. Each rail is 3000mm long and can be cut on site to adapt to the exact height of the ladder. The rails are joined together by junctions. They allow a perfect alignment so the trolley passes smoothly.

The fall arrest rail is clamped on the ladder rungs max. every 2800mm.

The bottom of the rail is equipped with a tilting end stop and an anti-inversion mechanism. This ensures that the end user inserts the trolley correctly.

Proposed brands: Fallprotec or equivalent

Type: Securail Pro Vertical

Length:

**Pos. XX.XXX : Roof Exit**

The top of the fall arrest rail is equipped with a re-inforced curved exit. The curved exit must extend minimum 800mm compared to the last rung.

It is equipped with a tilting end stop to ensure that the ensure doesn’t take out the trolley inadvertently.

Proposed brands: Fallprotec or equivalent

Type: Securail Pro Vertical

Units:

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

Cabinet to store the PPE equipment containing:

* GRANVIA 4 vertical fall arrest trolleys

Proposed brands: Fallprotec

Type: Securail Pro Granvia 4

Quantity: 2