

Fixed Line Fall Arrestor System

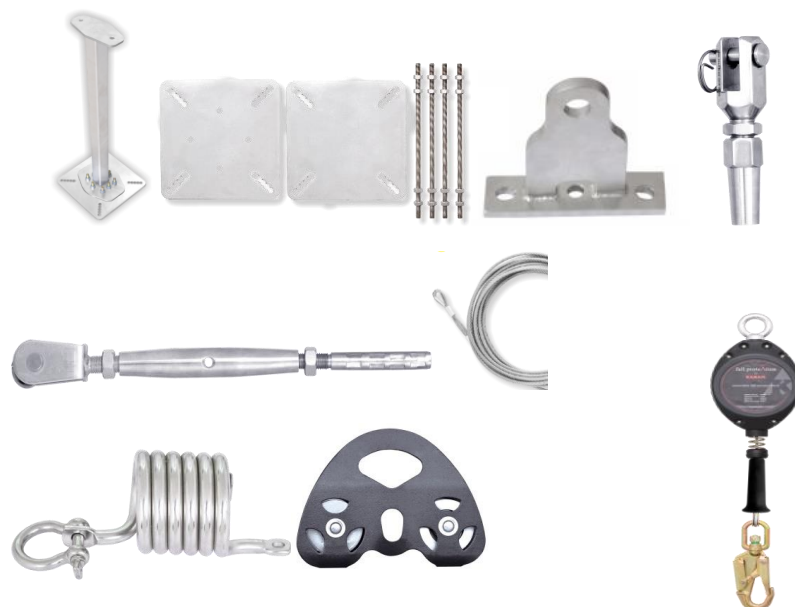
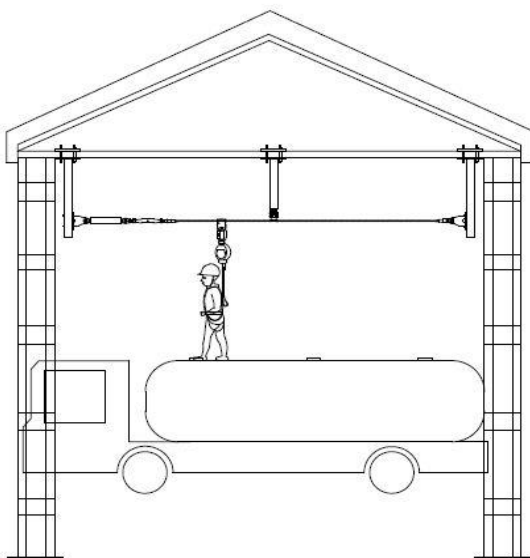
Over the Head PN4000-Fall Arrestor System

CERTIFICATIONS:

- IS 3521 PART 8
- EN795: 2012 TYPE C
- TS 16415:2013 for multiple users

SYSTEM SPECIFICATIONS:

- Horizon PN4000 provides permanent anchorage to max. 4 users simultaneously, who has to constantly move along an elevated horizontal track. It comprises of a stainless steel wire rope grade 316 of 8 mm diameter running all along the horizontal track. It is installed at the ends using special universal extremity plates. The intermediate brackets hold the wire in position all along the length of the wire and are installed at intervals of 5 mtrs to 15 mtrs. The line is maintained in tension with the help of tensioner at one end while the other end has a swage less termination on to the universal extremity plate.
- The stainless steel carriage body connects the user to the line with the help of a lanyard / retractable block and moves smoothly without interruption along the entire length of the horizontal line and also through the intermediate brackets, ensuring 100% anchorage of the user at all times.
- The system also has an inspection name plate for identification, traceability and maintenance of inspection records. One stainless steel cable tie are used to fasten the system name plate to the structure. At the time of installation, the relevant details are punched on the plate by a number pun. The revalidation dates are punched each year on the plates after inspection and revalidation.



- The system is versatile and can be installed on walls, floors, ceilings, as well as on roof tops, using the same components by just altering orientation of the intermediate brackets & selection of suitable anchor point.
- Horizon PN4000 has the unique distinction of being certified by Sira for ATEX to comply with use in potentially explosive atmosphere (as per potentially explosive atmospheres directive 2014/34/EU) and conforms to norms EN ISO 80079-36: 2016 and EN ISO 80079-37: 2016. The system is certified to be intrinsically safe, hence is an ideal choice for use in industries like petroleum / petro chemicals plants without fear of causing explosion due to any sparking. The system can also be used in truck loading / unloading, advertisement bill boards, industrial cranes, oversized machines, reactors, turbine etc.
- The system is conforms to EN795: 2012 type C, TS 16415: 2013 & ATEX approved & for use in potentially explosive areas.

THE HAZARD



- Falling while working on a truck due to sudden movement of truck.
- Falling while walking on the Rail of an EOT crane.

Truck Loading/Unloading



EOT- Cranes



Wagon Gantry Loading/Unloading