

A worker in a dark jacket and a yellow hard hat is seen from behind, working on a tall metal tower. The worker is holding onto a vertical rod. In the background, another worker is visible on a lower level of the tower. The sky is a clear, pale blue. A yellow rectangular block is positioned to the left of the main title text.

# Fall Protection System

# Types of Fall Protection System

At Aetna Enterprises India Pvt. Ltd., we provide an extensive range of fall protection solutions engineered for optimal safety and efficiency. Our offerings include:

## Horizontal Lifeline Systems

Designed to protect individuals near the leading edge of a roof, these systems are engineered to minimize the force exerted on both the person and the anchor during a fall, ensuring a controlled and safe deceleration over a specified distance.

## Vertical Lifeline Systems

These systems are ideal for individuals working on vertical ladders, such as chimney ladders, monkey ladders, and other vertical structures, offering reliable protection and secure anchorage.

## Overhead Lifeline Systems

Tailored for use on elevated platforms such as dairy tankers, bulkers, oil tankers, railcars, or airplanes, these systems provide robust fall protection for workers operating at heights.

## Crane Bay Horizontal Lifeline Systems

Specially designed for crane bay rails, which are often narrow, dust-covered walking surfaces, these systems significantly reduce the risk of slips, trips, and falls from heights.

## Pipe Bridge Lifeline Systems

Pipe rack systems, with their extensive, elevated, and tiered walking surfaces, are best safeguarded by our horizontal lifeline systems, ensuring comprehensive protection over long distances.

## Skylight Fall Protection Systems

Our Skylight Protectors are specifically engineered to prevent falls through roof lights, offering a reliable safety solution for workers operating near skylights.

# Rooftop or Horizontal Lifeline System

Horizontal Lifeline Systems serve as your essential line of fall protection, offering both active and restraint options. These systems are designed to either arrest a worker in the event of a fall (active system) or prevent workers from reaching fall hazards (restraint system).

## Rooftop Lifeline Systems

Ideal for roof work areas that lack existing anchor points, our rooftop horizontal lifelines provide a comprehensive fall protection solution. A rooftop horizontal lifeline typically comprises a cable attached to two or more anchor points on a roof, effectively mitigating fall risks.

## Custom Design and Installation

Our team of safety specialists collaborates with clients to design, fabricate, and install permanent rooftop horizontal lifeline systems suitable for both flat and sloped roofs. Each system is meticulously crafted to meet the specific requirements of the work environment, ensuring maximum safety and efficiency.

## Materials and Certification

Constructed from high-quality stainless steel, our rooftop lifelines are durable and reliable. We offer a variety of connection posts tailored for different types of roof sheets. Our systems are certified to EN 795:2012 Type C and CEN/TS 16415:2013 standards, ensuring compliance with stringent safety regulations.

# List of Roof Top or Horizontal Lifeline Components

01. Trapezoidal Sheet Post Standing Seam Post

02. Trapezoidal Purlin Post

03. Fragile Sheet Post

04. Monitor Roof Post

05. Flat Post

06. Shock Absorber

07. Tensioner (Lock Pin)

08. Tensioner (Swaged)

09. Tensioner (Swage-less)

10. Wire Rope

11. Wire Rope Cap

12. Intermediate (Fixed)

13. Intermediate (Swivel)

14. Cable Extremity (U Bolt/Thimble)

15. Cable Extremity (Swaged)

16. Cable Extremity (Swage-less)

17. CORNER BRACKET

18. STANDING SEAM CLAMPS

19. KLIP LOCK CLAMP

20. KALZIP CLAMP

21. STRIPS (For Clamps)

22. 1 BOLT

23. INSPECTION TAG

24. Glider RUNNER

25. KARABINER

26. Work RESTRAINT LANYARD

27. Rivets And Screws.





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