



# Tactical Safety for Access & Falls

Engineered Fall Protection Solutions



# WHY

Do You Need a

# FALL PROTECTION

# SYSTEM?



In almost every industry, there are areas where the workers are subjected to **fall hazards**, this includes high vertical distance, fragile roofs, deterioration of roof materials, unprotected edges, climbing top of trucks/tankers, unstable/poorly maintained access equipment such as ladders, weather, and falling materials.

Accidents can be prevented by adopting safe methods of working at heights. In such circumstances, **TsaF's lifeline systems are your next line of safety** for fall protection and prevention. Installed lifeline systems **arrest** workers in the event of a fall (Active System) or **restrain** workers from reaching a fall hazard (Fall Restraint).

Employers must **take due precautions** to keep their people safe from all potential fall hazards, such as holes, skylights, and leading edges, then plan and **select a suitable fall protection equipment/system** for the proposed work.

When **employers prioritize safety** and **employees follow safety guidelines**, the results are clear: improved work quality, greater competence, and increased productivity. Most importantly, it **reduces accidents and minimizes downtime** - protecting both workers and the bottom line.



# What Is TsaF?



**TsaF - Tactical Safety for Access & Falls** is India's leading manufacturer of **Fall Protection Systems**, brought to you by the **Mtand Group**. With over 50 years of experience, our expert engineers and professionals are committed to making work-at-height **safe, reliable, and cost-effective** for our clients and their teams.

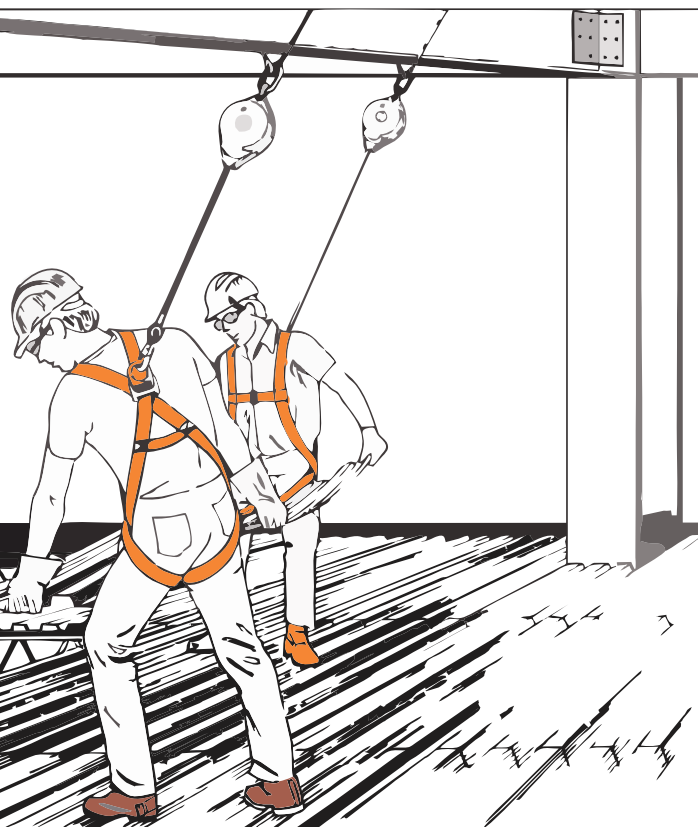
As a trusted partner in safety, TsaF provides a comprehensive range of fall protection solutions, including **Horizontal, Vertical, and Overhead Lifeline Systems**, as well as **Customized Barricade, Skylight Mesh, Aluminum Walkway, and Personal Protective Equipment (PPE)**. To further support your team's safety, we offer complete training and certification programs to ensure your workforce is fully prepared to work securely at height.

TsaF stands out as a pioneer in the safety industry by delivering **end-to-end services**-from site inspection and equipment supply to custom design, execution, and ongoing maintenance. Our solutions cater to diverse industries, from **pharmaceuticals to power, telecommunications to transmission lines, and warehousing to oil & gas**.

Our protection systems are **custom-designed to meet your unique site requirements** and adhere to **national and international safety standards**, including EN/CE and ATEX approvals. This guarantees compliance and ensures your workforce returns home safely every day.

When you choose TsaF, you're not just investing in safety-you are investing in **trust, efficiency, and productivity**. That's why **TsaF is the industry's first choice for fall protection solutions**.

According to the **World Health Organisation (WHO)** falls are the **second leading** cause of unintentional work-related injuries and deaths.



# What Makes TsaF

## FIRST CHOICE FOR INDUSTRIES?



### End-To-End Customization

We know that each site is unique and presents a different challenge. Thus, with our experience across various sectors and projects, our team is committed to offering you custom solutions.

“ Making safety a reality and not a fatality.”

### Crafted With Safety & Quality

Our solutions are developed with extensive research and crafted down to  $\pm 0.01\%$  precision which offers significant advantages in safety and productivity. The engineered systems meet specific applications, including connection point, connection type, and many users, and are rigorously tested to meet EN/CEN (European) Standards.

“ We do not compromise with human lives. Period.”

### Certified Technical Team

Our team of professionals is certified by the training body Capital Equipment Service Limited (CESL), which enables them to take the utmost precaution when carrying out the installation work at your facility whilst adhering to HSE laid Quality and Safety parameters.

“ Safety can distinguish you,  
Lack of safety can extinguish you.”

### Strict Adherence To Global Standards

Operator Certified to ISO 9001:2015

System Certified to classes

- EN 353-1:2014+A1:2017
- EN 795:2012 CLASS C
- EN 353-2:2002
- CEN/TS 16415:2013

“ When your life is at risk,  
reward yourself with security.”

### On-Site Training

Our work does not end with just installation. We train and certify your workforce on proper work procedures. Our courses impart the technical knowledge required to Operate, Maintain, and Service the systems periodically through rigorous training.

“ Be a safety hero. Score an accident zero.”

# Flowlok

## LADDER SYSTEM

TsaF's FlowLok Vertical Height Access System (VHAS) Ladder System provides access to the roof, where there are no pre-fabricated ladders or climbing structures available. It can be attached to various buildings with the use of different fasteners, making it an ideal solution.

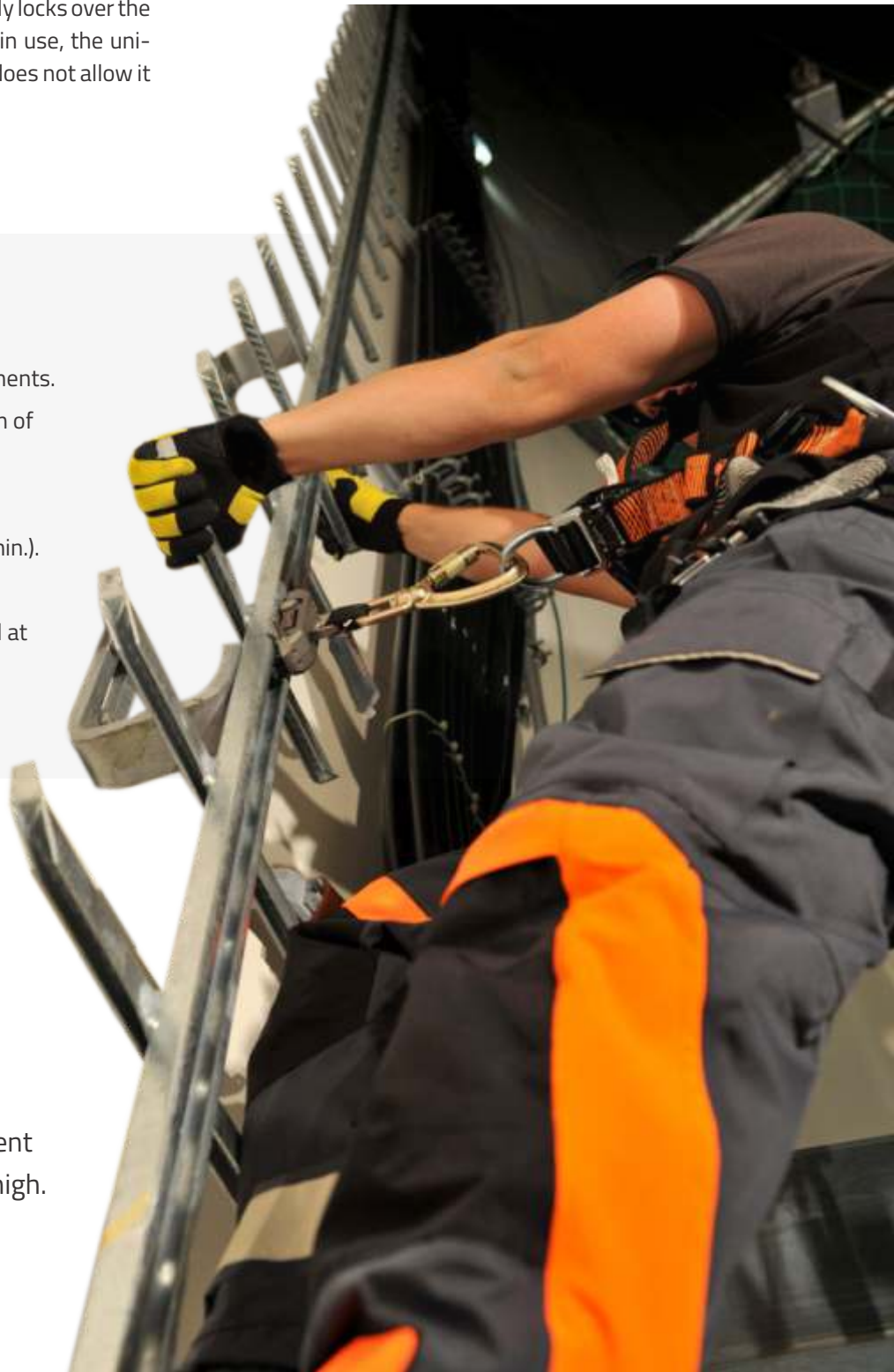
In the event of a fall, the trolley immediately locks over the rail, thereby arresting the fall. When not in use, the uni-directional locking system of the trolleys does not allow it to fall freely down the guide rail.

The system includes fall protection ladders, guide rails, and self-guiding fall arresters. The FlowLok VHAS adheres to world-class HSE standards. Ancillary safety devices that are uniquely compatible with the fall protection ladder ensure secure access for the operator.

### BENEFITS

- › Lightweight and uses minimal components.
- › Lesser surface area ensures mitigation of wind load.
- › Made of high-grade Galvanized Steel (Galvanization thickness 70 microns min.).
- › Simple, cost-effective, and versatile.
- › Ribbed rungs prevent slippage welded at 279 mm c/c.

Always practice safety to prevent drastic falls, when you are up high.



Keeping the risk low as you climb higher.



### APPLICATIONS



Power Transmission Towers



Communication Towers



Oil Rigs & Platforms



Water Towers



Storage Bins & Silos

# Our CLIENTS



We have built Fall Protection Systems for small-scale businesses to Fortune 500 companies and formed the most productive relationships that are synergistic and goal-oriented. We have been passionately working with our clients achieving great successes and building lasting relationships.



# mtandt

SINCE 1974



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