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Tactical Safety for Access & Falls

Product datasheet

LIFECYCLE SERVICE

Annual Maintenance Check

Fall protection systems sit outdoors and in working environments year after year. TsaF's Annual Maintenance Check keeps them inspected, maintained and documented, for continuous safety, compliance and reliable performance.



Overview

Safety is an ongoing commitment

A fall protection system is installed once but used for years. Weather, corrosion, roof movement, accidental impact and everyday use all affect cables, brackets, rails, walkways and barricades. TsaF's Annual Maintenance Check keeps your installed systems in reliable condition, so they remain fall-arrest ready when they are needed.

Regular inspection, testing, maintenance and certification are carried out by trained and competent personnel, as per manufacturer recommendations and applicable standards. Each system is checked against a system-specific checklist, and the findings are documented.

The four AMC value points

- **Ensures continued safety:** keeps fall protection systems safe and reliable throughout their service life.
- **Compliance assurance:** inspection as per applicable international standards, with documented records to support your audits.
- **Extends service life:** proactive inspection and maintenance help components last longer.
- **Minimises downtime:** issues are identified and fixed before they become serious.

Why an AMC matters

- Maintains system integrity and performance
- Helps you meet legal and safety obligations
- Reduces the risk of fall-related incidents
- Detects wear and damage early
- Provides documented inspection reports and certification
- Supports a safer work environment

What we inspect

Every system type has its own checklist. On a horizontal lifeline, for example, we examine the stainless steel cable for broken strands or kinks, measure and restore cable tension, and check the energy absorber and its activation indicator. On a vertical lifeline, we inspect the complete climbing route and function-test the guided fall arrester in

both directions. Barricades, walkways, overhead lifelines, ladders, skylight protection and anchor and rescue equipment each follow their own checks, listed below.

Who the AMC is for

The Annual Maintenance Check is offered for eligible TsaF fall protection systems. When you get in touch, tell us which systems are installed, where the site is, when they were installed and when they were last inspected, so that our team can discuss the inspection scope, records and service requirements.

The AMC completes the TsaF lifecycle that begins with a site hazard assessment and continues through installation and training. To arrange an inspection, request an AMC.

Our process

- 01 AMC enquiry** — Share the systems installed, site location, installation year and date of the last inspection so the scope can be agreed.
- 02 Scope and schedule** — TsaF agrees the systems to be covered, the inspection checklist for each and a visit date that suits your operations.
- 03 On-site inspection** — Trained and competent personnel inspect and test each system against its system-specific checklist, as per manufacturer recommendations and applicable standards.
- 04 Maintenance and rectification** — Loose connections are tightened, cable tension and alignment corrected, and damaged or worn components replaced where required.
- 05 Inspection report** — Findings, actions taken and any recommendations are documented in an annual inspection and maintenance report.

Inspection scope by system

Vertical Lifeline System

- Inspect the complete climbing route from access to exit point
- Function-test the guided fall arrester in both travel directions
- Verify the immediate locking action of the fall arrester
- Check upper and lower anchorage assemblies
- Examine cable or rail guides at intermediate locations
- Verify correct cable tension or rigid-rail alignment
- Inspect the ladder interface and user connection arrangement

Horizontal Lifeline System

- Examine the stainless steel cable for broken strands or kinks
- Measure and restore the required cable tension
- Check energy absorber condition and activation indicator
- Inspect end terminations and swaged connections
- Verify intermediate cable guides and pass-through points
- Test traveller or shuttle movement across the complete route
- Confirm identification labels and system information

Overhead Lifeline System

- Examine the overhead rail or cable along the complete travel path
- Test smooth movement of the overhead trolley
- Inspect suspension brackets and structural attachments
- Check end stops and the trolley retention arrangement
- Verify clearance for uninterrupted user movement
- Examine connection hardware for wear or distortion
- Correct alignment or operational issues where required

Aluminium & FRP Walkway System

- Inspect the walkway for damage, corrosion, and loose or displaced sections
- Check all joints, supports, fixings and connections
- Verify alignment and stability
- Check the slip-resistant surface condition
- Inspect FRP components, where applicable, for damage or deterioration

Flowlok Ladder System

- Check the ladder structure for safe and secure access
- Inspect rungs for damage, bending and excessive wear
- Verify cage hoops and vertical straps are securely connected
- Check ladder-to-structure mounting brackets
- Inspect rest platforms and access points where provided
- Verify entry and exit sections for safe transition
- Tighten and rectify loose structural connections

Rooftop Barricade System

- Inspect posts, top rails, mid rails and toe boards
- Check clamps, joints, brackets and fasteners
- Verify system alignment and structural stability
- Check roof fixing points and the surrounding roof sheet
- Tighten loose connections and fasteners
- Replace damaged or worn components where required
- Issue the annual inspection and maintenance report

Skylight Protection System

- Inspect mesh panels for damage, deformation or corrosion
- Check fixings, clamps and rivets securing the system to the roof
- Inspect the frame for damage, corrosion and secure connections
- Check seals and washers at fixing points
- Replace damaged or worn components where required

Modular Safety Barrier System

- Inspect posts, top rails, mid rails and toe boards
- Check clamps, joints, brackets and fasteners
- Verify system alignment and structural stability
- Check fixing points and the surrounding surface
- Tighten loose connections and fasteners
- Replace damaged or worn components where required
- Issue the annual inspection and maintenance report

Anchorline & Rescue System

- Inspect the davit arm for damage, deformation or corrosion
- Check davit bases and their fixings
- Verify mobile anchor units are suitable for continued safe operation
- Inspect primary anchorage and user attachment points
- Check frames and load-bearing members for damage
- Test locking and securing arrangements and the stability of the unit in its operating position
- Inspect movable parts for smooth, controlled operation
- Check safety labels, identification and inspection status

Standards & specifications. Specifications are indicative and may vary with configuration. Final layouts, loads and applicable standards are confirmed by Tsaf engineering for each project. Subject to technical changes.

Plan your annual maintenance check with Tsaf

Site assessment · System design · In-house manufacturing
· Installation · Training · Annual Maintenance Check

We don't just install your safety system. We stand on the roof with you.



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