KSTRONG®
UNRIVALED SAFETY.

COMPETENT PERSON INSPECTION CHECK LIST
T-LINE SYSTEMS

CPIC

Models AFA945012, AFA945012R, AFA945012SS, AFA945012RSS, AFA945024, AFA945024R, AFA945024SS, AFA945024RSS · To be completed by a competent person other than the user at intervals not exceeding 12 months.

Product Details

Description:		**Model No.:**	
Serial No.:		**Batch Number:**	
Date of Manufacture:		**Date of Purchase:**	
Date First Put Into Use:		**Last Inspected on:**	
Last Authorised Service:		**Type of Use:**	Light / Moderate–Heavy / Severe
Lifeline Cable:	Galvanised / Stainless Steel (SS)	**Rescue Winch:**	Yes (R / RSS) / No
Installation:	Indoor / Outdoor	**Configuration:**	Twin-Line / V-Line / Single Line Mode
Inspector:		**Inspection Date:**	

Inspection Checks

Checking Area	Inspection Points	Guidelines	Remarks
1) Casing, Buffer & Pulley			
Casing & Handle	i) Damages/Breakages	Check all moulded parts including casing and handle for any crack, damage / breakage, deformation etc.	
	ii) Cracks		
	iii) Deformation		
All Fasteners	i) Availability	Check all fasteners for their presence and tightening as well. If any nonconformity found mark it and send for servicing / repair.	
	ii) Tightening of all Screws Properly		
Pulley	i) Rubber Bush & Locking Rubber fitment	Check the proper fitment of pulley including any cut / damage etc.	
	ii) Pulley movement	Check for free movement of pulley.	
	iii) Pulley brake	Check the pulley brake grips and holds the lifeline; no wear or contamination.	
Buffer	i) Buffer screw fitment	Check the proper fitment of buffer including any mismatch / cut / damage etc.	
	ii) Buffer Mismatch/Crack		
Pulley Stowage Pocket	i) Damage / fitment	Check the pocket holds the pulley securely for transport.	
2) Anchor Eyes			
T-Line Anchor Eye	i) Cracks	Check the eye for any crack, bending, elongation or wear.	
	ii) Deformation / Elongation		
Pulley Anchor Eye	i) Cracks	Check the eye for any crack, bending, elongation or wear.	
	ii) Deformation / Elongation		
Ancillary Anchor Eye	i) Cracks	Check the eye for any crack, bending, elongation or wear.	
	ii) Deformation / Elongation		

Checking Area	Inspection Points	Guidelines	Remarks
3) Hook, Connectors & Anchorages			
Fall Indicator status	i) Red/Green	Never use the T-Line if any red shows on the fall indicator of the main lifeline swivel connector. Return for authorised service.	
Metal Parts like Hook, O-Ring, Connector Ring & Pulley Lifeline Connector	i) Deformation	Check all metal parts for deformation, crack or corrosion.	
	ii) Cracks		
	iii) Corrosion		
Functioning	i) Opening & Locking	Check the functionality of the hook. Gate should not open without pushing lock.	
	ii) Swivel movement	Check the swivel connector turns freely.	
T-Line Clevis Anchor / T-Line Beam Clamp Anchor	i) Correct anchor type	Only the T-Line Clevis Anchor or T-Line Beam Clamp Anchor may be used, at both ends (device end only in Single Line Mode). Any other anchorage (incl. slings) – fail.	
	ii) Condition & installation	Check for deformation, corrosion, loose bolts or wing nuts, and correct installation per UIM Section 3.2. Inspect the supporting structure for cracks, deformation, excessive corrosion or signs of overloading; if in doubt, have it re-evaluated by a qualified engineer.	
	iii) Concrete fixing proof test	Concrete-fixed Clevis Anchors only: proof load to 11.5kN (50% of 23kN) for 3 minutes, no movement or deformation, result recorded (UIM Section 3.2.1). Mark N/A for steel fixing.	
V-Line Pulley AFX206001(BB)SS (V-Line only)	i) Side plates & attachment	Check side plates, axle and attachment hole for deformation, cracks or corrosion. Sheave must rotate freely on its bearing, with no grooving or wear. Mark N/A if not rigged in V-Line.	
	ii) Sheave & bearing		
4) Functionality or Performance			
Retraction & Mechanical functioning	i) Main lifeline must retract on its own	Extract each lifeline out side smoothly to full length and allow it to retract automatically. Block should retract whole wire automatically.	
	ii) Pulley lifeline must retract on its own		
Locking	i) By pulling out the main lifeline with a sudden jerk	Hold the hook and extract the wire with a sudden jerk, block should lock.	
Rescue Winch (R / RSS models only)	i) Crank engagement	Engage the rescue handle and wind per UIM Section C2.5. Mark N/A for non-R models.	
	ii) Winding operation		
5) Wire Rope Assembly (Main & Pulley Lifelines)			
Snout, Ferrule and Thimble	i) Crack	Check the termination end including snout, ferrule and thimble for any cut, crack or damage. Ensure the grip of ferrule on wire. It should be intact.	
	ii) Deformation		
	iii) Loose grip		
Wire rope	i) Corrosion	Extract both lifelines to full length. Check the entire wire rope for corrosion, kinking, frays, open strands, cuts, birdcaging etc. Galvanised Ø4.5mm: any rust or white zinc corrosion. SS Ø4.8mm 316: any pitting or rust staining (outdoor exposure).	
	ii) Kinking		
	iii) Frays		
	iv) Open strands		
	v) Cut		
	vi) Birdcaging		

Checking Area	Inspection Points	Guidelines	Remarks
6) Labels, Records & Lifespan			
Application	i) Model suits environment	Galvanised cable models indoors only. All outdoor installations must be SS / RSS models.	
	ii) Configuration suits model	SS / RSS models: V-Line or Single Line Mode only. Twin-Line permitted for indoor galvanised models only.	
	iii) Single Line Mode set-up (if used)	Device overhead, directly above the work area (no foot-level installation); pulley stowed; pulley lifeline connector secured to the ancillary anchor eye, or to a T-Line Clevis / Beam Clamp Anchor. Mark N/A if not used.	
	iv) Span & anchorage height	Span within the model range (12m: 5m–12m; 24m: 13m–24m). Anchorage height above the working platform within UIM Figure 5.2 for the span and configuration (min. 3.0m), less any climb distance to reach the platform.	
	v) Device & pulley position	Device and pulley both overhead; pulley level with the device or up to 15° above horizontal, never below; facing each other directly with no lateral offset (UIM Section 2.1).	
	vi) Fall clearance	Available fall clearance below the working platform meets UIM Figures 6.1 / 6.2 (worst-case FAD + 1.0m) for the span and configuration.	
Labels & Markings	i) Labels intact & legible	Model, serial no., max span, 23 kN anchorage, user mass and fall clearance legible.	
	ii) Service grid marked	Last inspection / service engraved on label service grid.	
Records	i) Equipment record complete	Previous inspections, services and repairs recorded.	
	ii) Authorised service within interval	Light use 3 yrs, Moderate–Heavy 2 yrs, Severe 1 yr. If overdue, tag out and send for servicing.	
Lifespan	i) Within 10 years from purchase / commissioning / installation	All-metal product, no textile components. Lifespan may be extended year to year, conditional on passing this annual competent person inspection.	
	ii) Extension granted for next 12 months (Yes / No)		

Result & Sign-off

Result:	☐ Pass – fit for service until next inspection ☐ Fail – tagged out, sent for servicing / repair ☐ Retired
Next Inspection Due:	
Next Authorised Service Due:	

Note:- If any non-conformity found, mark the T-Line and send it for servicing / repair to the authorised service centre. A T-Line that has arrested a fall must be removed from service and returned for authorised service.

Inspection Date: _____ **Inspector's Name:** _____ **Inspector's Signature:** _____