## MSA Harness Inspection: **V-FLEX™ Harness**



Name	Clock No.

Model No.	Serial No.	Manufacture Date	
Inspector's	Inspection	DISPOSITION	(Check One)
Name	Date	PASS	FAIL

## **Inspection Procedure**

- Inspect all webbing (straps) and stitching for cuts, fraying, pulled or broken threads, abrasion, excessive wear, altered or missing straps, burns, UV damage, and heat and chemical exposures.
- Inspect all parts for deformation, cracks, corrosion, deep pitting, burrs, sharp edges, cuts, nicks, exposure to excessive heat or chemicals or other damage. Check for missing, loose or improperly functioning parts.
- Inspect buckles.
  - a. Secure-Fit Buckle (if present): Make sure both locking tabs engage fully and operate smoothly.
  - b. Quick Connect Buckle (if present): Make sure both pawls are engaged and operate smoothly.
  - RaceFlex (if present): Make sure both pawls are engaged and operate smoothly.
- 4. Inspect all labels. Labels must be present and legible.

For	FORMAL INSPECTION LOG							
ITEM	DESCRIPTION	QTY/ Unit	CONDITION CODE(S)	OVERALL ASSESSMENT	COMMENTS			
	Fabric Components: Padding							
1	Shoulder Pad—Binding Edges	N/A						
2	Shoulder Pad—Exterior Fabric / Foam	N/A						
3	Shoulder Pad—Interior Fabric / Foam	N/A						
4	Leg Pads—Exterior Fabric / Foam	N/A						
5	Leg Pads—Interior Fabric / Foam	N/A						
		Fa	bric Component	ts: Webbing				
6	Shoulder Straps (above chest buckle)	2						
7	Torso Straps—Front (below chest buckle)	2						
8	Torso Straps—Back (below shoulder pad)	2						
9	Leg Straps	2						
10	Subpelvic Strap	1						
11	Trauma Step (inside leg padding)	1						
		Fa	bric Component	ts: Stitching				
12	Chest Buckle Stitches	2						
13	Leg Buckle Stitches	2						
14	Subpelvic Stitches	2						
15	Load Indicators	2						
			letal Componen	ts: D-Rings				
16	Chest Buckle	1						
17	Tongue Buckle Legs	2						
18	Quick Connect Legs	2						
19	Back D-Ring	1						
20	Hip Junctions	2						
21	Grommets	16						
Plastic Components								
22	Leg Web Finials	2						
23	Chest Web Finials	2						
24	Lanyard Keepers	2						
25	PFL Connector Port	1						
26	Labels	5						



CONDITION CODES/OVERALL ASSESSMENT CODES							
Fabric Compone	bbing	Metal Comp	onents				
CONDITION		OVERALL	CONDITION		OVERALL		
DESCRIPTION	CODE	ASSESSMENT CODE	DESCRIPTION	CODE	ASSESSMENT CODE		
Cuts/Fraying	W1	'P' = Pass	Deformed/Fractured	M1			
Abrasion/Wear	W2	Webbing	Corroded/Deep Pits	M2			
Partially Missing/Altered	W3	Acceptable	Missing/Loose	МЗ	'P' = Pass		
Burns/Heat Exposure	W4	'	Heat Exposure	M4	Metallic		
Chemical Exposure	W5	'F' = Fail	Chemical Exposure	M5	Acceptable		
Other	W6	Webbing	Burrs/Sharp Edges	M6	'F' = Fail		
No Visible Change	W0	Not Acceptable	Cuts/Deep Nicks	M7	Metallic		
Fabric Componer	Fabric Components: Stitching				Not Acceptable		
Cut/Pulled/Loose Thread	S1	'P' = Pass	Other	M9	·		
Abrasion/Wear	S2	Stitching	No Visible Change	M0			
PartiallyMissing/Altered	S3	Acceptable	Plastic Comp	onents			
Burns/Heat Exposure	S4	'	Cut/Broken	P1	'P' = Pass		
Chemical Exposure	S5	'F' = Fail	Wear Damage	P2	Plastic		
Other .	S6	Stitching Not Acceptable	Missing/Loose	P3	Acceptable		
No Visible Change	S0		Burns/Heat Exposure	P4			
			Chemical Exposure	P5	'F' = Fail		
			Other	P6	Plastic		
			No Visible Change	P0	Not Acceptable		

## Formal Inspection

MSA requires that all harnesses be inspected by a competent person other than the user at intervals of no more than six months per applicable standard or as specified by a formal fall protection program. Record formal inspections in the provided Inspection Log. Punch or indelibly mark the inspection grid attached to the harness. Do not use a harness with a formal inspection date older than six (6) months unless under provision of formal inspection program. MSA recommends that harnesses with formal inspection dates older than six (6) months be tagged "UNUSABLE" and removed from service until after formal inspection.

