



Shock Absorbing Lanyard Inspection Guidelines

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Criteria:
X FAIL
✓ PASS

WEBBING

Grasp the webbing with your hands and bend the webbing, checking both sides. This creates surface tension making damaged fibers or cuts easier to see. Webbing damage may not show up through a sight (visual) inspection only - manual (touch) inspection of the lanyard is equally important. Pay attention to the wrinkled portion of the lanyard.

- | | |
|--|--|
| X Cuts, nicks or tears | ✓ Mildew [Clean lanyard] |
| X Brocken fibers/cracks | X Missing or popped flag
[Indicates possible fall] |
| X Overall deterioration | X Undue stretching [Indicates possible fall] |
| X Modifications by user | X Burnt, charred or melted fibers
[Indicates heat damage] |
| X Fraying/Abrasions [Allowable 10%] | X ✓ Material marked with permanent
marker [Check with manufacturer] |
| X ✓ Discoloration of material
[Dependent on cause of discoloration] | X Excessive hardness or brittleness
[Indicates heat or UV damage] |
| X Hard or shiny spots
[Indicates heat damage] | X Knots in lanyard |
| X Change in core size
[Indicates possible fall] | |

CLEANING AND STORAGE

Wipe off all surface dirt with a sponge dampened in plain water. Squeeze the sponge dry. Dip the sponge in a mild solution of water and mild detergent. Work up a thick lather with a vigorous back and forth motion. Then wipe dry with a clean cloth. Hang freely to dry but away from excessive heat, steam, or long periods of sunlight. Storage areas should be clean, dry, and free of exposure to fumes, heat, direct ultra violet light, sunlight, and corrosive elements.

Note: Do not store lanyards next to batteries; chemical attack on the lanyard can occur if battery leaks.



SNAPHOOKS

Snaphooks should be the self-locking type. Snaphooks are generally proof tested to 3,600 lbs and have a minimum tensile strength of 5,000 lbs.

Visual and Touch Inspection

- X Self-locking type
- X Hook or eye distortion (twists, bends, elongations, etc)
- ✓ Latch/keeper should seat into the nose w/o binding
- X Latch/keeper distorted or obstructed
- X Overall deterioration/excessive wear
- X Modifications by users
- X Cracks
- X Missing parts
- X Rough or sharp edges

STITCHING

- X Pulled stitches
- X Stitching that is missing
- X Hard or shiny spots
[Indicates heat damage]
- X Cut stitches
- X ✓ Discoloration of stitching
[Dependent on cause of discoloration]

TAGGING SYSTEM

Every lanyard must have a legible tag identifying the lanyard, model, date of manufacture, name of manufacturer, limitations & warnings.

Inspection

- X Check tag for date of manufacture and remove from service if past adopted service life policy
- X If tagging system is missing or not legible, remove lanyard from service

SNAPHOOK LOCKING MECHANISM

- Disengage locking mechanism and open keeper (keeper should open freely)
- Disengage locking mechanism and release (locking mechanism should return to engaged position)

SNAPHOOK KEEPER

- Check keeper spring action by opening the keeper and releasing (keeper should return to closed position without hanging up - it should not close slowly)
- Push on keeper without engaging locking mechanism (keeper should not open)
- Check to see the keeper is seated firmly on the snaphook nose - there should be no side play (lateral movement)

SHOCK ABSORBERS - PACK STYLE

Examine the outer portion of the pack.

Visual and Touch Inspection

- X Burn holes
- X Tears/cuts
- X Modifications by user
- X Chemical attack
- X Obvious signs of deterioration



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END LOOPS

Visual and Touch Inspection

X Cuts or frays

X Obvious signs of deterioration (there should be no damage to loop ends)

INSPECTION CHECKLIST				
- SHOCK ABSORBING LANYARD -				
Description:		Model #:		
Serial #:		Date of Manufacture:		
Inspector:		Date Inspected:		
Inspector Signature:				
<input checked="" type="checkbox"/> FAIL: <input type="checkbox"/> Initial _____ REMOVE FROM SERVICE		<input checked="" type="checkbox"/> PASS: <input type="checkbox"/> Initial _____ RETURN TO SERVICE		
ITEM #	DESCRIPTION	FAIL X	PASS ✓	COMMENTS
Shock Absorbing Lanyard				
	Flag Indicator			
	Outside Core Webbing			
	Core			
	Stitching			
	Labeling (tags)			
	Wear Pads			
Pack/Pouch Style Lanyard				
	Pouch Damage			
	Stitching			
	End Loops			
	Labeling (tags)			
Web Lanyard				
	Flag Indicator			
	Outside Core Webbing			
	Core			
	Stitching			
Snaphook				
	Hook Body			
	Hook Nose			
	Gate (keeper)			
	Lock			
	Eye			
	Hinge			
	Spring (inside gate)			

Example Lanyard Inspection Checklist

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