

PFD Inspecting & Testing Log

Guidance

Zips & Buckles - Fastening zips are free from corrosion, free to slide and can be fully opened. Buckles have no broken parts, lock closed and open as intended. Straps are free to slide and webbing is free from tears, snags or unravelling

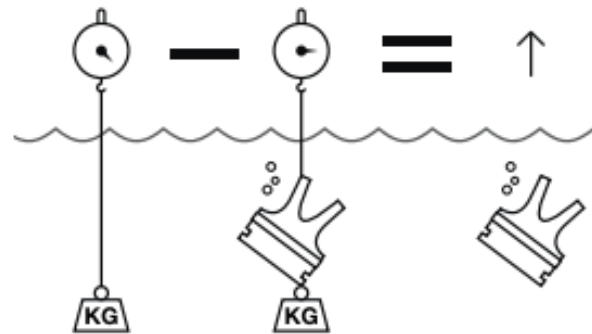
Damage & Wear - Check for tears in the fabric or broken stitching, especially around strapping and closures. Check for excessive abrasion that might result in the shell structure of the garment failing.

Fading - Check for significant fading, as this may indicate a deterioration of the strength of the materials.

Foam - Check the foam fit. If loose, this indicates deterioration of the foam and loss of floatation.

Float Test

- 1 Attach your weight to the scale with the rope and dunk it underwater. Take a reading from the scale.
- 2 Attach the weight to your PFD and then to the scale with the rope. Dunk it underwater and wait for any trapped air bubbles to escape. Take a reading from the scale.
- 3 Subtract measurement 2 from measurement 1 to get your PFD's floatation in kg force. Multiply this by 9.8 to convert kg to Newtons and you have the PFD's buoyancy in Newtons.



Sample Log

Key: ✓ = Pass ✗ = Fail

ID	Make	Colour	Size	Zips/Buckles	Damage/ Wear	Fading	Foam	Float Result	Date Checked	Checked By
PFD001	Palm	Blue	M/L	✓	✓	✓	✓	53N	05/03/17	Luke T
PFD002	Palm	Blue	XL	✓	✗	✓	✓	57N	05/03/17	Luke T

