

ISO 12402-8:2020 (E)

Personal flotation devices — Part 8: Accessories — Safety requirements and test methods

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Classification of PFDs
5	Specifications and test methods
5.1	General
5.2	Whistles
5.3	Deck safety harness and safety lines
5.4	Buddy lines
5.5	Sprayhood
5.5.1	General
5.5.2	Gas exchange test
5.6	Protective covers for additional hazards
5.6.1	General
5.6.2	Additional protection
5.6.2.1	Puncture resistance
5.6.2.2	Small molten metal particles, splash resistance
5.7	Multi#chamber buoyancy for back#up protection
5.7.1	General
5.7.2	Full back#up protection
5.7.3	Partial back#up protection
5.7.4	Inflatable buoyancy chambers
5.7.5	Marking for back up performance
5.7.6	Explanation of back up performance in information supplied by the manufacturer
5.8	Supplemental#chamber buoyancy for enhanced performance
5.8.1	General
5.8.2	Testing
5.8.3	Over#pressure test of supplemental chamber(s)
5.8.4	Marking for enhanced performance
5.8.5	Explanation of supplemental chamber performance in information supplied by the manufacturer
5.9	Lifting loops
5.10	Emergency position#indicating lights
5.10.1	Requirements
5.10.1.1	General
5.10.1.2	Luminous intensity
5.10.1.3	Temperature and immersion
5.10.1.4	Water ingress
5.10.2	Test methods
5.10.2.1	Drop test
5.10.2.2	Temperature cycling
5.10.2.3	Operational life test
5.10.2.4	Luminous intensity test
5.10.2.5	Water ingress test
5.10.3	Marking of emergency position#indicating lights

- 5.11 PFDs with personal locator devices (PLDs)
- 5.11.1 General
- 5.11.2 Specific requirements for PFDs with integrated PLDs
- 5.11.3 Additional marking, information supplied by the manufacturer, and consumer information at point of sale for PFDs with integrated PLDs

Annex A (informative) Classification of personal flotation devices

- A.1 Classes
- A.1.1 Buoyancy aids
- A.1.2 Lifejackets
- A.1.3 Special application PFDs
- A.2 Performance levels
- A.2.1 Level 50
- A.2.2 Level 100
- A.2.3 Level 150
- A.2.4 Level 275

Page count: 15