



CO-ORDINATION OF NOTIFIED BODIES
PPE Regulation 2016/425
RECOMMENDATION FOR USE

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Question related to PPE Regulation EN/prEN: EN ISO 12402-9:2020 Other:

Article: Annex: II (3) & Annex V (7.3) Clause:

Key words:
EN ISO 12402-9 Gap Analysis for Testing

Question:
If a manufacturer has an existing product tested in accordance with EN ISO 12402-9:2006+A:2011 and wants to update to the new version of the standard EN ISO 12402-9:2020 does the product need to be fully retested?

Solution:
No
Only the following tests and considerations would need to be performed, which is based on a gap analysis between EN ISO 12402-9:2006+A:2011 and EN ISO 12402-9:2020.

New tests in EN ISO 12402-9:2020:	
Clause	Description
5.5.7	Collar handles
5.5.8	Body strap hardware secureness test
5.5.11	Uninflated buoyancy test
5.5.12	Buoyancy test for inherently buoyant material (only applicable for PFD's where the inherently buoyant material is qualified according to EN ISO 12402-7:2020, 4.8.2.5)
5.5.15	Strength test of attachment points

Tests that have changed since the previous version of the standard and may need additional consideration:		
Clause	Description	Description of change
5.5.2	Rotating shock bin test	Addition of cylinder retention and indicator status checking requirements.
5.5.3	Temperature cycling test	The test in 5.5.3.2.1 for inherently buoyant PFDs now includes an additional evaluation to remove one sample from the chamber, fully open and simulate donning within 30s after removal from the hot and cold exposure.
5.5.5	Lifting loop test	Time to apply load must be 30 minutes for level 100, 150 and 275 PFDs and 5 min for level 50 PFDs (see existing VG8 RfU 08.017).
5.5.9	Inflation tests	New method states samples to be fitted to a test form during the test. Note: If other test arrangements have previously been used and the same accuracy of results can be achieved the test need not be repeated. The upper load limit for the force to inflate test is now increased to 120 N (see existing RFU 08.042).
5.5.13	Test of the resistance to burning	The test pan dimensions have changed to (300 ± 20) mm × (350 ± 20) mm × (60 ± 5) mm. The PFD is passed through the flames at (350 ± 20) mm above the top edge of the test pan instead of (250 ± 20) mm. (NB. These new dimensions are the same as the test pan referenced in IMO Resolution MSC.81(70), clause 1.5). Performance is now verified following the test, only if damage is detected, by means of a buoyancy test and horizontal and vertical strength tests (75% of the original load).
5.6.2	Donning test	Additional 'heavy weather clothing' donning test now to be performed for level 275, level 150 and level 100 PFDs. Inflated donning test requirement is now 2 min for inflatable PFDs.