



CO-ORDINATION OF NOTIFIED BODIES
PPE Regulation 2016/425

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RECOMMENDATION FOR USE

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Question related to PPE Regulation EN/prEN: EN 14225-1:2017 Other:

Article: Annex: Clause:

Key words:
Surface wetsuit testing requirements

Question:
Wetsuits intended for surface activities such as water skiing etc. are classified as PPE risk category II (see PPE Guidelines Oct 15 and PPE Working Group minutes from 2013) and therefore require EC type-examination and a CE mark. There is currently no technical standard which covers surface wetsuits, only EN 14225-1 which is for diving wetsuits.
What testing requirements are to be used to show compliance with the basic health and safety requirements laid down in Annex II of the PPE Regulation (EU) 2016/425?

Solution:
The standard for EN 14225-1 shall be used with exemptions of those requirements specific for diving application.
Therefore wetsuits intended for surface activities shall comply with the following clauses of EN 14225-1 (see Table overleaf).

Requirements and Exclusions for Surface Wetsuits:

EN 14225-1:2005		EN 14225-1:2017	
4	Requirements	4	Requirements
4.1	Mechanical performance	4.1	Mechanical performance
4.1.1	Resistance to high and low temperature (tested in accordance with 5.4.1.1 and 5.3)	4.1.1	Resistance to cold and hot storage (tested in accordance with 5.4.1.1 and 5.3)
4.1.2	Sea water resistance (tested in accordance with 5.4.1.2 and 5.3)	4.1.2	Sea water resistance (tested in accordance with 5.4.1.2 and 5.3)
4.1.3	Resistance to cleaning, disinfection and decontamination (tested in accordance with 5.4.1.3 and 5.3)	4.1.3	Resistance to cleaning, disinfection and decontamination (tested in accordance with 5.4.1.3 and 5.3)
4.1.4	Resistance to repeated pressurization in water (Not applicable for surface wetsuits)	4.1.4	Resistance to repeated pressurization in water (Not applicable for surface wetsuits)
4.1.5	Tensile strength of material (tested in accordance with 5.4.4 excluding 5.4.2)	4.1.5	Tensile strength of material (tested in accordance with 5.4.4 excluding 5.4.2)
4.1.6	Resistance to permanent deformation (tested in accordance with 5.4.4 and 5.4.7)	4.1.6	Resistance to permanent deformation (tested in accordance with 5.4.4 and 5.4.7)
4.1.7	Tensile strength of material (tested in accordance with 5.4.5)	4.1.7	Strength of suit seams (tested in accordance with 5.4.5)
4.1.8	Strength of closures (tested in accordance with 5.4.6)	4.1.8	Strength of closures (tested in accordance with 5.4.6)
4.2	Limitation of water flow into and out of the suit	4.2	Limitation of water flow into and out of the suit
4.2.1	Seams (tested in accordance with 5.4.5 and 5.3)	4.2.1	Seams (tested in accordance with 5.4.5 and 5.3)
4.2.2	Closures (tested in accordance with 5.3)	4.2.2	Closures (tested in accordance with 5.3)
4.3	Thermal performance of suit materials (tested in accordance with 5.4.3 at 1 bar absolute <u>only</u> , and excluding 6 bar absolute)	4.3	Thermal performance of suit materials (tested in accordance with 5.4.3 at 1 bar absolute <u>only</u> , and excluding 6 bar absolute)
4.4	Sizing (tested in accordance with 5.5.6.2, clause a) and b) only)	4.4	Sizing (tested in accordance with 5.5.5.2 clause a) and b) only)
4.5	Practical performance (tested in accordance with 5.5.6.2 excluding d), e), j), k), l), m), n), p) and 5.5.6.3)	4.5	Practical performance requirements (tested in accordance with 5.5.6.2 excluding d), e), j), k), l), m), n), p) and 5.5.6.3)
6	Marking (including an additional warning that this is a wetsuit intended for surface water activities and NOT intended for diving)	6	Marking (including an additional warning that this is a wetsuit intended for surface water activities and NOT intended for diving)
7	Information to be supplied by the manufacturer (excluding diving specific requirements and including an additional warning that this is a wetsuit intended for surface water activities and NOT intended for diving)	7	Information to be supplied by the manufacturer (excluding diving specific requirements and including an additional warning that this is a wetsuit intended for surface water activities and NOT intended for diving)