

CO-ORDINATION OF NOTIFIED BODIES PPE Regulation 2016/425

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RECOMMENDATION FOR USE				
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Origin : Centexbel, CEN TC 162 WG 3 approved		✓ Vertical Grou✓ Horizontal C✓ EU PPE Wo	ommittee 30/04/2022	
Question related to	☐ PPE Regulation	☑ EN/prEN:	☐ Other:	
EN 13034:2005/A1:2009				
Article:	Annex:	Clause:		
Key words: Chemical Protective Clothing, pre-treatment, liquid repellency and penetration				
05.21-022 (compare with EN 14325:2018 says: "4.2 Pre-treatn 4.2.1 Pre-treat Before each te clothing, shall lif the manufact testing shall be Where applica manufacturer's is not specified cycle and one be reflected in it shall only be	·	erial samples, with the exception of I disinfection as applicable. Ig or disinfection is not allowed, i.e. Ition, the cleaning and disinfection s Ized procedures. If the number of clar Ized procedures is the number of clar Ized procedures in the manufactive of the garment can be wash Indicated by the garment can be wash	limited-use chemical protective limited use garments, then hall be in line with the eaning and disinfection cycles ting of one wash cycle, one dry turer's instructions. This shall ed or alternatively dry-cleaned	

Solution:

Yes, proposal for EN 13034 : 4.12 (liquid repellency) and 4.13 (liquid penetration) and 5.2 (light spray test) (based on prEN 469:2019): testing **after worst case**:

Examples:

Pre-treatment worst case	
Two washing cycles no impregnation	
Testing after 9 washing cycles no impregnation	
Testing after 24 washing cycles no impregnation	

Compare with the new prEN 469:2019 proposal:

"5.4 Deterioration of repellency by cleaning

Where the finishing, applied to improve or maintain the repellency for liquids resistance performance of the garment, can be deteriorated by the cleaning procedures indicated by the manufacturer, the manufacturer shall indicate the maximum number of cleaning cycles that can be carried out before the garment needs to be re-treated or re-impregnated to restore its performances.

Testing according to 6.2.2 shall be carried out before the cleaning cycle for which the manufacturer guarantees, "i.e. the chemical resistance performance". For example, if the instructions state "re-impregnation during each third cleaning cycle", tests shall be performed after the second cleaning cycle, i.e. before re-impregnation. If the instructions state "reimpregnation after each cleaning cycle", the tests shall be performed on new items."