



CO-ORDINATION OF NOTIFIED BODIES
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RECOMMENDATION FOR USE

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Article:	Annex:	Clause:
Key words: Definitions; material; flame spread		
Question: For code letter A1, single layer garments are tested to 6.3.2.1 with the flame to the outer surface only. Multi-layer garments are tested to 6.3.2.2, with the flame to the outermost surface and the innermost lining. The EN ISO EN ISO 11612:2015 has new definitions: 3.14 material assembly combination of all materials of a multi-layer garment presented exactly as the finished garment construction 3.15 material combination material produced from a series of separate layers, fixed together during the garment manufacturing stage 3.16 multilayer material material consisting of different layers intimately combined prior to the garment manufacturing stage, e.g. by weaving, quilting, coating or gluing 1. Is lamination gluing ? 2. Is a "material combination" considered to be a single layer or a multilayer material? 3. Is a "multilayer material" considered to be a single layer or a material assembly? 4. If one of these is considered to be single layer and the other not, what is the reasoning? What is the difference for the safety of the wearer of the garment (this can be the only criterion for the decision)? A "single layer" is a single material that has not been intimately combined with another layer.		
Solution: 1. Replace 'gluing' with 'laminating' 2. A "material combination" is considered to be a material assembly. 3. A "multilayer material" is considered to be a material assembly. 4. Defining the difference between a single layer or multilayer is important to know for testing purposes as the innermost layer of a multilayer is as important as the inner side of a single layer = both are nearest to the skin.		