



CO-ORDINATION OF NOTIFIED BODIES  
PPE Regulation 2016/425

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Version 1

RECOMMENDATION FOR USE

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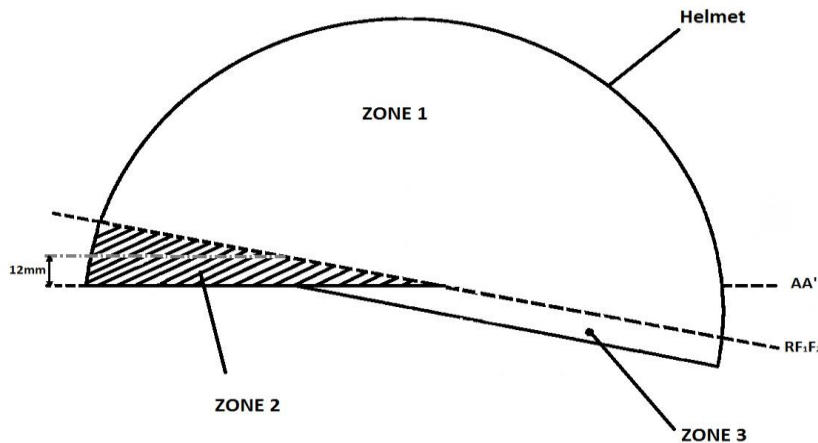
Question related to  PPE Regulation  EN/prEN: EN1384:2012  Other:

Article: Annex: Clause: 4.1

Key words:  
Thickness measurement, Area of protection

Question:  
For measurement of thickness of protective padding in the area of protection but outside of the test area, where should this measurement be made?

Solution:  
The measurement should be made 12mm up from the lower edge of zone 2 as illustrated below (see also Figure 1 of EN1384) and shall then be compared with the minimum thickness measured within zone 1.



Rationale:  
The test area equates to zone 1 of the illustration. The minimum thickness within this area should be measured to determine the minimum thickness to be used for comparison purposes.  
The minimum area of protection comprises zones 1 and 2 of the illustration.  
Zone 3 indicates a portion of the helmet that falls neither within the minimum area of protection nor the test area.  
As a minimum, a helmet must cover zones 1 and 2. Coverage of zone 3 is not mandatory.  
EN1384 is ambiguous from which edge of the area of protection the measurements at 12mm should be taken.  
It has been interpreted that it should be 12mm from the lower edge of the area of protection, as illustrated above. The minimum thickness along this line should be compared to the minimum thickness in the test area (zone 1).