



CO-ORDINATION OF NOTIFIED BODIES
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RECOMMENDATION FOR USE

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Question related to PPE Regulation PPE Guidelines EN/prEN: EN 397:2012 + A1 Other:

Article: Annex: Clause: 4.4

Key words:
Internal vertical clearance, Internal vertical distance, Air supplied respirators

Question:
Powered or compressed air supplied respiratory protective devices (RPD) incorporating a helmet can include ducts passing over the top of the head.
In this case, is the assessment of Internal Vertical Clearance and Internal Vertical Distance appropriate for such devices?

Solution:
Internal vertical clearance - NO.

Internal vertical distance - YES, but the duct could be removed for testing.

Rationale:

Internal vertical clearance - EN397 clause 3.14 includes a note that indicates the specification relates to ventilation. VG1 considers that this relates to passive ventilation and cooling. Powered or compressed air RPD are designed to prevent the ingress of ambient air, but do instead provide either filtered air or compressed air which is delivered to the wearer, therefore providing active ventilation and cooling. Therefore, the test can be considered as not applicable to such products.

Internal vertical distance - VG1 considers that whilst the requirement is applicable to such products, the duct could be removed for the purpose of the measurement.