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|    | <b>CO-ORDINATION OF NOTIFIED BODIES</b><br><b>PPE Regulation 2016/425</b><br><br><b>RECOMMENDATION FOR USE</b>   | PPE-R/02.083<br>Version 1 |
| Number of pages: 1<br><br>Origin : Vertical Group 2   | Approval stage : <span style="float: right;">Approved on :</span><br><br><input checked="" type="checkbox"/> Vertical Group <span style="float: right;">29/04/2022</span><br><input checked="" type="checkbox"/> Horizontal Committee <span style="float: right;">31/05/2023</span><br><input checked="" type="checkbox"/> EU PPE Expert Group <span style="float: right;">31/01/2024</span> |                           |
| Question related to <input type="checkbox"/> PPE Regulation <input type="checkbox"/> PPE Guidelines <input checked="" type="checkbox"/> EN/prEN: <span style="float: right;"><input type="checkbox"/> Other:</span><br>EN 149:2001+A1:2009  |  |                           |
| Article: <span style="margin-left: 100px;">Annex:</span> <span style="margin-left: 100px;">Clause:</span>   |  |                           |
| Key words: Temperature Conditioning, Mechanical Strength, Condition of specimen   |  |                           |
| Question:<br><br>What is the correct condition of filtering half mask for Mechanical Strength and Temperature Conditioning according to EN 149:2001+A1:2009?  |  |                           |
| Solution:<br><b>If Specimen are received with packaging:</b><br>1/ Mechanical Strength <ul style="list-style-type: none"> <li>- According to 8.3.3 of 149:2001+A1:2009, Mechanical Strength shall be done in accordance with EN 143.</li> <li>- According to 8.3.2 of EN 143:2000+A1:2006 and 6.10.2 of EN 143:2021, Un-encapsulated filter(s) shall be subjected to Mechanical Strength in the smallest commercially available package.</li> </ul> Filtering half mask shall be subject to mechanical Strength According to 8.3.3 of 149:2001+A1:2009 in the smallest commercially available package (e.g. cardboard box of 10 Filtering half mask).<br>The condition of specimen during mechanical strength shall be detailed in the test report.<br>2/ Temperature conditioning <ul style="list-style-type: none"> <li>- Paragraph 8.3.2 of 149:2001+A1:2009 defines only: “Expose the particle filtering half masks to the following thermal cycle: ...” Compared to several other European standard (EN 143, EN 1827...), this sentence is unclear.</li> <li>- According to 8.3.2 of EN 143:2000+A1:2006, the filter in its packaging, if appropriate, shall be subjected to the thermal cycle</li> <li>- According to 6.10.1 of EN 143:2021, the filters in their ready for assembly state shall be subjected to the temperature conditioning Ready for assembly state is “component with seals, plugs or other environmental protective means, if applicable, still in place”</li> </ul> Filtering half mask shall be subject to temperature conditioning According to 8.3.2 of 149:2001+A1:2009 in the single packaging when existing (e.g. single plastic bag) or in the smallest commercially available package (e.g. cardboard box of 10 Filtering half mask).<br>The condition of specimen during temperature conditioning shall be detailed in the test report.<br><b>If Specimen are received without packaging:</b><br>Condition of specimen during conditioning shall be agreed with the manufacturer.<br>The condition of specimen during conditioning shall be detailed in the test report. |  |                           |