

Reference No: CABF-R-032 rev 1	Conformity Assessment Bodies Forum PED/SPV (CABF) CABF
Relation to PED: Point 3.2.2 of Annex I	CABF Recommendation
Question:	Pressure gauges are used for indication of the pressure of hydrostatic tests <u>during (final) inspection</u> by manufacturers under supervision of a notified body. This applies to conformity modules A2, B (production type), C2, D, D1, E, E1, F, G and H1. These pressure gauges should be referring to a national standard by calibration. In order to comply with point 6.2.6 and 6.2.7 of ISO/IEC 17020:2012, the pressure gauges applied during this hydrostatic test under supervision of a Notified Body needs to be calibrated. What are acceptable methods for the calibration of pressure gauges?
Answer:	There are the following options which are acceptable calibration 1a) Notified Body uses his own calibrated gauge, calibrated by a National Accredited Testing Laboratory (NATL) for testing. 1b) Notified Body has a calibrated mother gauge, calibrated by a National Accredited Testing Laboratory (NATL), which is for calibration the manufacturer's testing gauges, used during the hydrostatic test for the final inspection. 2) Manufacturer uses calibrated mother gauge, calibrated by a National Accredited Testing Laboratory (NATL), which is used for calibration of testing gauges used during the hydrostatic test for the final inspection. See EN 13445-5 for this option 3) Manufacturer uses only test gauges calibrated by a National Accredited Testing Laboratory (NATL). See EN 13445-5. 4) Manufacturer has no calibrated mother gauge and uses a service supplier/sub contractor for calibrating the testing gauges, with a calibrated mother gauge, which is calibrated by a National Accredited Testing Laboratory (NATL) To 2); 4): The Notified Body performing the proof testing shall verify the calibration done by the manufacturer or the subcontractor on the manufacturer's behalf. The Notified Body shall inspect and review the calibration reports, mother gauge calibration certificates and method statements of calibration. If necessary the Notified Body inspects the calibration and facilities used. Remark: In the case the conformity assessment module is not under supervision of the notified body the manufacturer has to comply with the minimum requirements for calibration set out in the standard used for the product.
Reason:	Conformity assessment by a Notified Body under accreditation requires high standards for calibration and control of measuring devices, including pressure gauges. In order to realise measuring results that refer to a national standard, agreement on a uniform approach seems necessary as National Accreditation Bodies may have different guidelines for their assessment of accredited bodies.
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Note:	