

Comparison DAkkS calibration certificate I Factory ISO calibration certificate I Calibration report

Indication of measured values	Calibration certificate with accreditation symbol of all accredited calibration laboratories according to ISO/IEC 17025:2018	Factory/ISO calibration certificate using the example of Testo Industrial Services GmbH free according to ISO 9001:2015 / ISO 10012:2003 (7.1.4)	Calibration report using the example of Testo SE & Co. KGaA without normative basis. The calibratio pro- tocol is supplied with selected products (see scope of delivery on the Testo website)
Indication of measured values	Depending on the measured variable, multiple measurements of the individual calibration points; In this case, specification of the mean value of the measurements or all individual measured values		
Description and clear identification of the calibrated measuring equipment	Device, probe, type Serial number, inventory number, equipment number	Device, probe, type Serial number, inventory number, equipment number	Device, type, serial number
Date of calibration	Ø	Ø	(🗷)
Calibration results that were achieved AFTER or BEFORE an adjustment or repair	Pre and post certificate	Pre and post certificate	Only indication of the individual measurement, even if an adjustment has been made
Identification of themeasure- ment/calibration procedure	Ø	Ø	8
Traceability of calibration	The metrological traceability of the measurement results and the standards/references used is guaranteed and documented via the calibration certificate traceable	The standardised/ references are metrologically traceable and traceable via the traceable via the calibration certificate	The metrological traceability to recognised standards is guaranteed, but this is not traceable via the calibration record traceable
Ambient conditions	Ø	②	8
Identification of the processor and manager	Details of the person responsible and calibration laboratory manager	Details of the person responsible and person responsible	In some cases only the designation of an inspector number with (**)
Specification of measurement uncertainties	Ø	②	8
Certificate number	Measured variable letter + consecutive number + date (MM-YYYY)	Consecutive numbering	8
Permitted deviation	Implicit indication of origin, if applicable 'Specification of the manufacturer' or similar.	Implicit indication of origin, if applicable 'Specification of the manufacturer' or similar.	is described as tolerance



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Individual restrictions	Ø	Ø	8
Information on (recommended) Recalibration date	The calibration laboratory does not no recommendation for the recalibration date. At the request of the customer, a recalibration date can be printed. The user is responsible for adhering to an appropriate recalibration period.		⊗
Name + address of customer	Ø	Ø	8
Conformity statement	Depending on customer agreement	Depending on customer agreement	Only indication of the individual measurement, even if an adjustment has been made
Name, address and accreditation number of the laboratory	Ø	Name + address yes, but no accreditation number	No indication of the performing laboratory
National accreditation body and registration number	Ø	8	8
Number of certificate pages	Ø	Ø	8
Calibration location	Ø	Ø	8
Please note that without the permission of the laboratory may only take place in printed form	Ø	Ø	8
Note on regulation	Calibration certificates with the accreditation symbol and the issuing accredited laboratories are subject to regular inspection & testing by the German accreditation body (DAkkS). The information that must be provided in a DAkkS calibration certificate is specified in ISO/IEC 17025:2018 and must be listed in the calibration certificate in accordance with the defined layout.	ISO calibration certificates are not subject to any external external quality control except critical examination by the by the customer himself. The eponymous ISO 9001:2015 does not specify any requirements regarding the content of the calibration certificates. Testo Industrial Services is orientated towards ISO 10012:2003 - a kind of practice-orientated 'auxiliary standard' that is used to implement ISO 9001:2015 can be used.	Calibration protocols are not subject no regulation and there is no There is no standardised basis for their creation. They generally contain less information than a calibration certificate. Corresponding protocols are usually issued with new devices issued with new appliances and are a kind of goods issue note. Often the designation with 'certificate of conformity' misleading, as conformity is not is checked.





