

► About us

The DKD was established in 2011 as a panel for the collaboration between PTB and accredited calibration laboratories. DKD's aim is to promote uniformity of calibration services and to offer technical assistance to calibration laboratories.

Membership in the DKD

Primarily, DKD addresses accredited calibration laboratories in Germany.

Membership in DKD is also open to

- Verification offices in Germany
- Accredited calibration laboratories worldwide
- National Metrology Institutes (NMI) and Designated Institutes (DI)

Collaboration on projects like the development of Calibration Guidelines and Digital Calibration Certificates is also possible for other laboratories and experts.

Membership in DKD is free!

Please note that official communication and meetings are held in German language, cooperation in projects is also possible in English. Technical documents are frequently translated into English and other languages.

You are interested?

Contact the Executive Office of the DKD or get the application for membership here:



en



de

DKD

Deutscher Kalibrierdienst

DKD Executive Office
Physikalisch-Technische Bundesanstalt
Bundesallee 100
38116 Braunschweig, Germany
phone: +49 531 592-8021
e-mail: dkd@ptb.de

For more information please
contact our executive office or
visit our website:

[https://www.ptb.de/cms/en/
metrological-services/dkd.html](https://www.ptb.de/cms/en/metrological-services/dkd.html)



DKD

Deutscher Kalibrierdienst

The German Calibration Service

► What is the DKD?

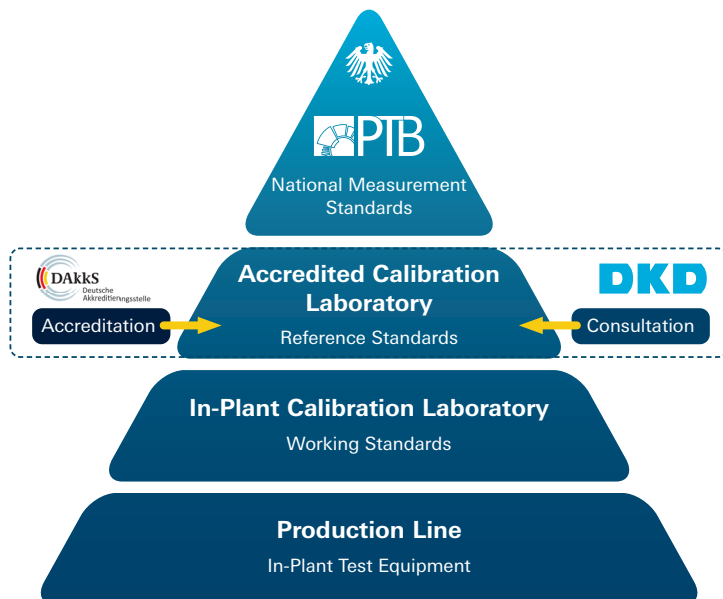
- You need support in getting / maintaining your accreditation as calibration laboratory?
- You want to share experience with other experts and practitioners in your calibration area?
- You want to participate in the development of best practice calibration procedures?
- You need inter-laboratory comparisons?
- You want to establish and use digital calibration certificates (DCC)?

Join the DKD, the German Calibration Service!

DKD's mission is to achieve high quality in calibration laboratories in and beyond Germany.

DKD collaborates with the German accreditation body DAkkS to provide a broad and fully-fledged service to the calibration laboratories in the process of accreditation.

Membership in DKD is free!



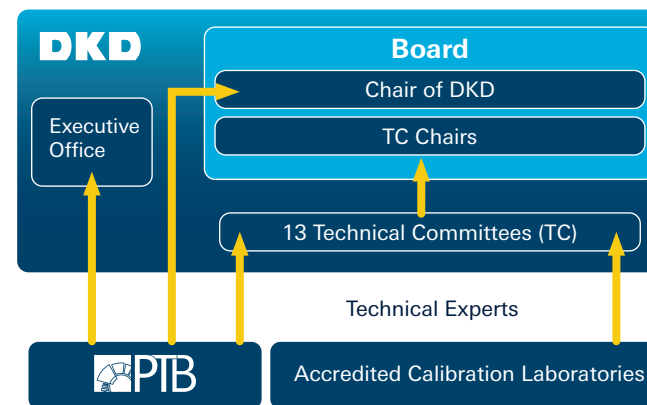
► Organisation and structure

The DKD provides access to a network of experts from the German National Metrology Institute PTB and around 500 accredited calibration laboratories.

The technical cooperation is organised in 13 Technical Committees covering the following metrology fields:

- Direct Current and Low Frequency
- High Frequency and Optics
- Force, Acceleration and Acoustics
- Length
- Temperature and Humidity
- Pressure and Vacuum
- Mass and Weighing Instruments
- Chemical Metrology and Material Properties
- Materials Testing Machines
- Torque
- Flow
- Metrology for Laboratory Medicine
- Measurement Uncertainty

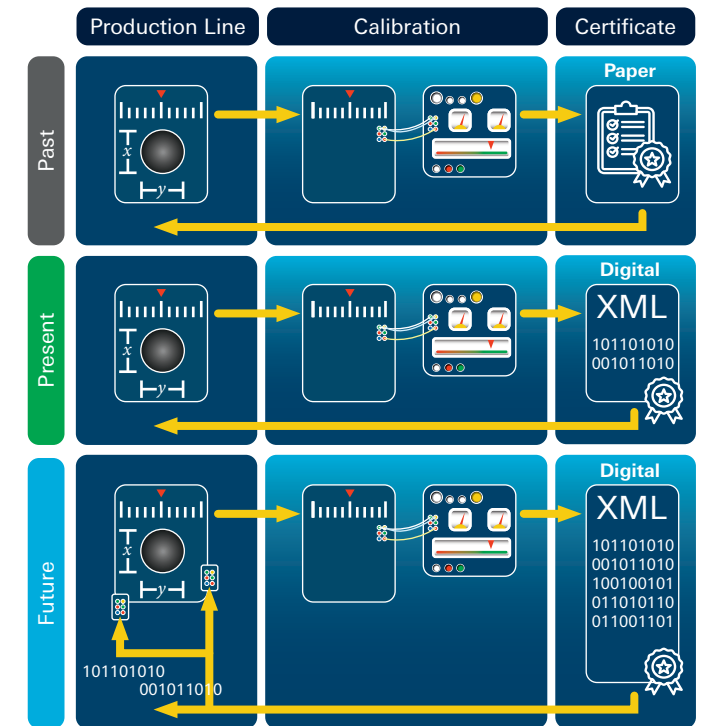
Decision making of DKD and general steering of its activities is under the responsibility of a Board, which integrates the Chairpersons of the 13 TCs and the Head of the Executive Office. The Board is chaired by a representative of PTB.



► DCC (Digital Calibration Certificate)

DKD is developing a standardised format for a **DCC**.

The **DCC** will enable the transfer of all calibration data in digital form. In a final stage, the **DCC** makes the processing of calibration data machine actionable and interpretable. It seamlessly connects quality systems in Industry 4.0 processes.



You want to get more information or contribute to the development of the **DCC**?



DCC Video



DKD/DCC web