



ACCREDITATION IS A PROOF OF A TECHNICAL SKILL

Accreditation of a laboratory to ISO/CEI 17025 demonstrates its capacity to carry out true and reliable tests, analysis or calibration results.

The requirements of ISO/IEC 17025 relating to the management system rely to the **principles of ISO 9001** which confirm the control of internal processes and the continuous improvement of the system. These competencies can be added to **technical requirements** relating to personnel, equipment, metrology, methods deployed, reporting of results, etc.

Thus, having ISO/CEI 17025 accreditation brings a real added value compared to ISO 9001 certification in terms of recognition of the laboratory's technical competence for **specific activities**.



CONFORMITY TO NF EN ISO/IEC 17025 STANDARD CREATES CONFIDENCE

Why ?

- Impartiality and the confidentiality are verified ;
- Personnel expertise (including qualification, training and experience) is demonstrated ;
- Adequacy of the facilities and equipment used is demonstrated ;
- Traceability of measurement to the International System Unit (SI) is ensured ;
- Calibration methods are approved and comply with normative, regulatory or contractual requirements ;
- Estimation of the measurement uncertainty is confirmed ;
- Quality of the calibration results is guaranteed ;
- Management system is efficient.

To ensure the **respect of the applicable requirements** and the **maintenance of competence** over time, the accredited laboratories are regularly assessed.

A CALIBRATION CERTIFICATE UNDER ACCREDITATION PROVIDES ADDITIONAL GUARANTEES

- **Traceability** of calibration to the **International System Unit (SI)** ;
- **Confidence** in the results of services for which the **laboratory is accredited** at the time of their implementation (from the contract review to the issuance of the report); only these results can be reported under accreditation (calibration certificate with an accreditation mark and the laboratory's accreditation number ;
- International **recognition** : the certificate issued by a calibration laboratory accredited by an accreditation body that is a signatory to the **multilateral agreements** is recognised as **equivalent** to that issued by a laboratory accredited by another signatory. Thus, **any user in the world can have confidence** in the calibration and measurement offer by an accredited body. Thereby **encouraging the free circulation of products and service**.

DID YOU KNOW THAT?

Reference to a « connected standard X » by a laboratory doesn't necessarily mean that the calibration results obtained are traceable to the SI.

This condition is necessary but not sufficient to guarantee the metrological traceability of the measurement results, nor the competence of the staff involved.

For this, the laboratory must be ISO/CEI 17025 accredited and give its results under accreditation.





THE SEARCH FOR AN ACCREDITED ORGANIZATION ADAPTED TO ITS NEEDS

The French Accreditation Committee – Cofrac is the French national accreditation body.

The Cofrac is a signatory of EA (European co-operation for Accreditation) and ILAC (International Laboratory Accreditation Cooperation) **multilateral agreements**.

More than 350 calibration accreditations have already been issued by Cofrac.

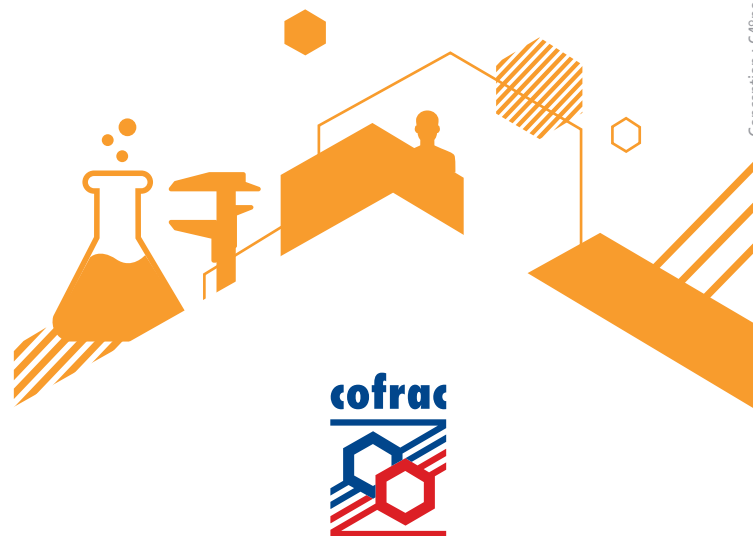
Their list with the scope of accreditation (physical quantity concerned, calibration method or type of instrument, measurement range, best measurement uncertainty) is available on the website : http://www.cofrac.fr/fr/easysearch/index_advanced.php.



This **accreditation mark** on the calibration certificate demonstrates that the laboratory fulfills all the requirements of the ISO/IEC 17025 standard.

CONTACT AND FOLLOW COFRAC

-  52, rue Jacques Hillairet - 75012 Paris
-  faq@cofrac.fr
-  +33 (0)1 44 68 82 20
-  +33 (0)1 44 68 82 21
-  www.cofrac.fr
-  <https://www.linkedin.com/company/cofrac>
-  <https://www.youtube.com/c/CofracFrance>



Une histoire de confiance
A matter of trust

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YOUR ACTIVITY IS BASED ON MEASUREMENT AND THE CALIBRATION OF YOUR EQUIPMENTS IS NECESSARY

COULD YOU GUARANTEE ...
... THE RELIABILITY OF YOUR MEASUREMENTS ?

AND METROLOGICAL TRACEABILITY OF YOUR EQUIPMENTS ?

WHAT YOU NEED TO
KNOW WHEN CHOOSING A
CALIBRATION SERVICE



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