

ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017)

Exigences générales concernant la
compétence des laboratoires
d'étalonnages et d'essais (ISO/IEC
17025:2017, Version corrigée 2018-03)

Allgemeine Anforderungen an die
Kompetenz von Prüf- und
Kalibrierlaboratorien (ISO/IEC
17025:2017)

National Foreword

This European Standard EN ISO/IEC 17025:2017 was adopted as Luxembourgish Standard ILNAS-EN ISO/IEC 17025:2017.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

English version

General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017)

Exigences générales concernant la compétence des laboratoires d'étalonnages et d'essais (ISO/IEC 17025:2017, Version corrigée 2018-03)

Allgemeine Anforderungen an die Kompetenz von Prüf- und Kalibrierlaboratorien (ISO/IEC 17025:2017)

This European Standard was approved by CEN on 10 November 2017.

CEN and CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN and CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN and CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN and CENELEC members are the national standards bodies and national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



CEN-CENELEC Management Centre:
Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO/IEC 17025:2017) has been prepared by Technical Committee ISO/CASCO "Committee on conformity assessment" in collaboration with Technical Committee CEN/CLC/JTC 1 "Criteria for conformity assessment bodies" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2018 and conflicting national standards shall be withdrawn at the latest by December 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO/IEC 17025:2005.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO/IEC 17025:2017 has been approved by CEN as EN ISO/IEC 17025:2017 without any modification.

Third edition
2017-11

General requirements for the competence of testing and calibration laboratories

*Exigences générales concernant la compétence des laboratoires
d'étalonnages et d'essais*

**COPYRIGHT PROTECTED DOCUMENT**

© ISO/IEC 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General requirements	3
4.1 Impartiality	3
4.2 Confidentiality	3
5 Structural requirements	4
6 Resource requirements	5
6.1 General	5
6.2 Personnel	5
6.3 Facilities and environmental conditions	6
6.4 Equipment	6
6.5 Metrological traceability	8
6.6 Externally provided products and services	8
7 Process requirements	9
7.1 Review of requests, tenders and contracts	9
7.2 Selection, verification and validation of methods	10
7.2.1 Selection and verification of methods	10
7.2.2 Validation of methods	11
7.3 Sampling	12
7.4 Handling of test or calibration items	12
7.5 Technical records	13
7.6 Evaluation of measurement uncertainty	13
7.7 Ensuring the validity of results	13
7.8 Reporting of results	14
7.8.1 General	14
7.8.2 Common requirements for reports (test, calibration or sampling)	15
7.8.3 Specific requirements for test reports	15
7.8.4 Specific requirements for calibration certificates	16
7.8.5 Reporting sampling – specific requirements	16
7.8.6 Reporting statements of conformity	17
7.8.7 Reporting opinions and interpretations	17
7.8.8 Amendments to reports	17
7.9 Complaints	17
7.10 Nonconforming work	18
7.11 Control of data and information management	19
8 Management system requirements	19
8.1 Options	19
8.1.1 General	19
8.1.2 Option A	20
8.1.3 Option B	20
8.2 Management system documentation (Option A)	20
8.3 Control of management system documents (Option A)	20
8.4 Control of records (Option A)	21
8.5 Actions to address risks and opportunities (Option A)	21
8.6 Improvement (Option A)	22
8.7 Corrective actions (Option A)	22
8.8 Internal audits (Option A)	23
8.9 Management reviews (Option A)	23