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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION  
(ISC)

# ISO/IEC 17025— 2019

(ISO/IEC 17025:2017, IDT)



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5 ISO/IEC 17025:2017 « -  
 («General requirements for the  
competence of testing and calibration laboratories», IDT).  
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3.2.4), , , 9000—2015. 3.2.4; ISO 9000—2015.  
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(CASCO) -  
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ISO 9001.

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ISO/IEC, 2.

: <https://www.surveymonkey.com/r/6MQ95ZC>.

General requirements for the competence of testing and calibration laboratories

— 2019—09—01

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ISO/IEC Guide 99. International vocabulary of metrology — Basic and general concepts and associated terms (VIM) (no (VIM))
ISO/IEC 17000. Conformity assessment — Vocabulary and general principles ( )

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ISO/IEC Guide 99 ISO/IEC 17000.
ISO IEC
: http://www.iso.org/obp;
IEC: http://www.electropedia.org/
3.1 (impartiality):
1 — (3.6).
2 —
« », « », « », « », « »
[ : ISO/IEC 17021-1:2015. 3.2, 1 « »
» « 2 « » .]
3.2 ( ) (complaint): (3.6),
[ : ISO/IEC 17000:2004, 6.5. « »
« » « » .]

3.3 (interlaboratory comparison): , -

( : ISO/IEC 17043:2010. 3.4)  
3.4 (intralaboratory comparison): , -

(3.6)  
3.5 (proficiency testing): . -

( : ISO/IEC 17043:2010. 3.7. — .) (3.3).  
3.6 (laboratory): , -

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3.7 (decision rule): , , -

3.8 (verification): , -

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( : ISO/IEC Guide 99:2007.2.44)  
3.9 (validation): (3.8). -

( : ISO/IEC Guide 99:2007.2.45)

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ISO/IEC 17020 ISO/IEC 17065. ,

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ISO 9001  
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8.2-8.

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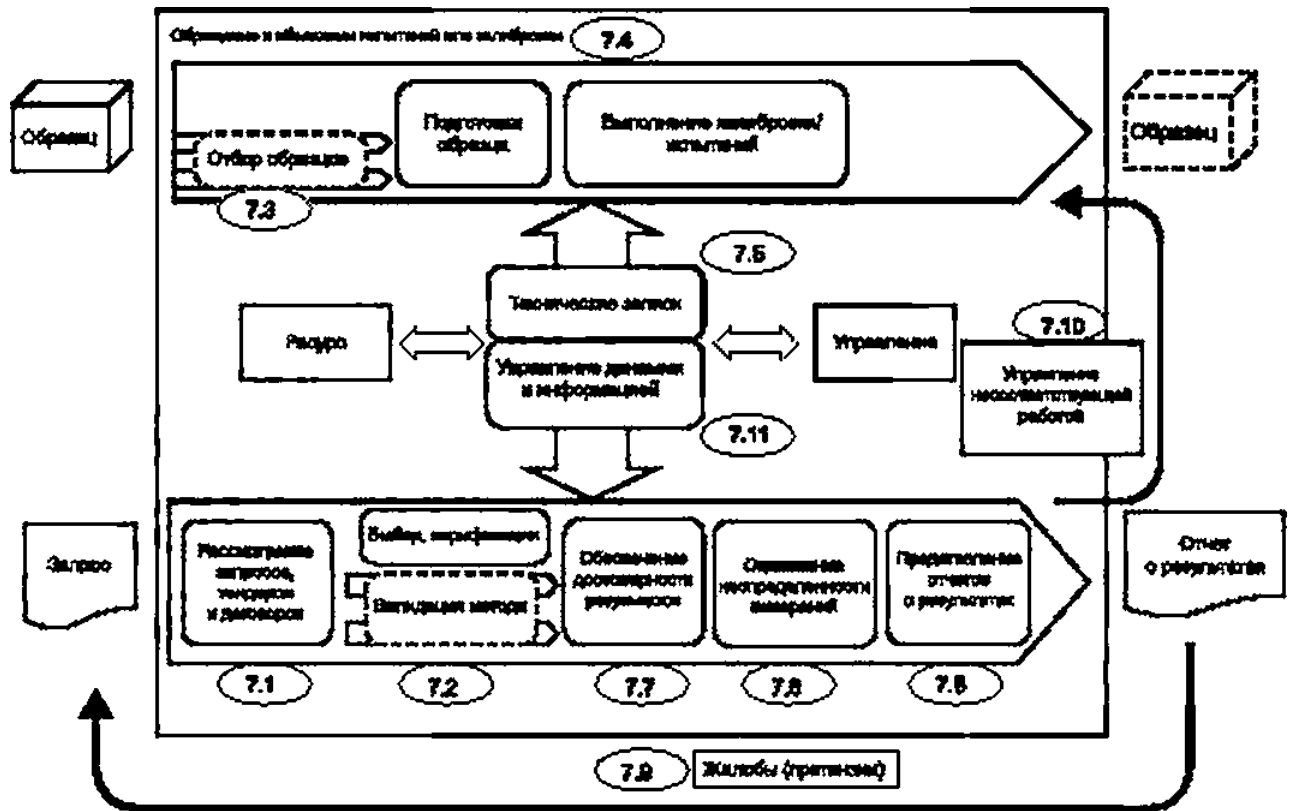
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ISO/IEC Guide 99	—	
ISO/IEC 17000	IDT	ISO/IEC 17000—2012 « »

ISO 5725-1	Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions ( . ( 1. ) )	-
ISO 5725-2	Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method ( . ( 2. ) )	- -
ISO 5725-3	Accuracy (trueness and precision) of measurement methods and results — Part 3: Intermediate measures of the precision of a standard measurement method ( . ( 3. ) )	- -
ISO 5725-4	Accuracy (trueness and precision) of measurement methods and results — Part 4: Basic methods for the determination of the trueness of a standard measurement method ( . ( 4. ) )	- -
ISO 5725-6	Accuracy (trueness and precision) of measurement methods and results — Part 6: Use in practice of accuracy values ( . ( 6. ) )	-
ISO 9000	Quality management systems — Fundamentals and vocabulary ( . )	
ISO 9001	Quality management systems — Requirements ( . )	
ISO 10012	Measurement management systems — Requirements for measurement processes and measuring equipment ( . )	
ISO/IEC 12207	Systems and software engineering — Software life cycle processes ( . )	
ISO 15189	Medical laboratories — Requirements for quality and competence ( . )	-
ISO 15194	In vitro diagnostic medical devices — Measurement of quantities in samples of biological origin — Requirements for certified reference materials and the content of supporting documentation ( . in vitro- . )	- -
ISO/IEC 17011	Conformity assessment — Requirements for accreditation bodies accrediting conformity assessment bodies ( . )	-

ISO/IEC 17020	Conformity assessment — Requirements for the operation of various types of bodies performing inspection ( )
ISO/IEC 17021-1	Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 1: Requirements ( 1. )
ISO 17034	General requirements for the competence of reference material producers ( )
ISO/IEC 17043	Conformity assessment — General requirements for proficiency testing ( )
ISO/IEC 17065	Conformity assessment — Requirements for bodies certifying products, processes and services ( )
ISO 17511	In vitro diagnostic medical devices — Measurement of quantities in biological samples — Metrological traceability of values assigned to calibrators and control materials ( in vitro. )
ISO 19011	Guidelines for auditing management systems ( no )
ISO 21748	Guidance for the use of repeatability, reproducibility and trueness estimates in measurement uncertainty evaluation ( no )
ISO 31000	Risk management — Guidelines ( )
ISO Guide 30	Reference materials — Selected terms and definitions ( )
ISO Guide 31	Reference materials — Contents of certificates, labels and accompanying documentation ( ( ) )
ISO Guide 33	Reference materials — Good practice in using reference materials ( )
ISO Guide 35	Reference materials — Guidance for characterization and assessment of homogeneity and stability ( ) ( ))
ISO Guide 80	Guidance for the in-house preparation of quality control materials (QCMs) ( ( ) )

ISO/IEC Guide 98-3 Uncertainty of measurement — Part 3: Guide to the expression of uncertainty in measurement (GUM:1995) ( ) . 3. -

ISO/IEC Guide 98-4 Uncertainty of measurement — Part 4; Role of measurement uncertainty in conformity assessment ( ) . 4.

IEC Guide 115 Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector ( )

Joint BIPM, OIML, ILAC and ISO declaration on metrological traceability, 2011 <sup>21</sup> ( BIPM, OIML, ILAC ISO . 2011)

ILAC International Laboratory Accreditation Cooperation <sup>3></sup> ( )

(VIML). International vocabulary of terms in legal metrology. 2013 ( . 2013)

OIML V1:2013

JCGM 106:2012 Evaluation of measurement data — The role of measurement uncertainty in conformity assessment ( )

EEE/RM/062rev3, Eurachem <sup>41</sup> The Selection and Use of Reference Materials ( )

BIPM SI Brochure <sup>M</sup>: The International System of Units (SI) ( : ( ). BIPM)

2) [http://www.bipm.org/utite/common/pdf/BIPM-OIML-ILAC-ISOJanI\\_declaration\\_2011.pdf](http://www.bipm.org/utite/common/pdf/BIPM-OIML-ILAC-ISOJanI_declaration_2011.pdf)

> <http://lac.org/>

4) <https://www.eurachem.org/images/stories/Guides/pdf/EEE-RM-062rev3.pdf>

5) <http://www.bipm.org/publications/si-brochure/>

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