



Making the ISO system globally relevant and efficient

*Second working session
Global relevance*

*Conformity Assessment and the 1-1-1 dream:
CASCO contribution*

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Chairman of CASCO*



CONFORMITY ASSESSMENT

Demonstration that specified requirements relating to a product, process, system, person or body are fulfilled.

The subject field of conformity assessment includes activities such as testing, inspection and certification, as well as the accreditation of conformity assessment bodies.



THE 1-1-1 DREAM

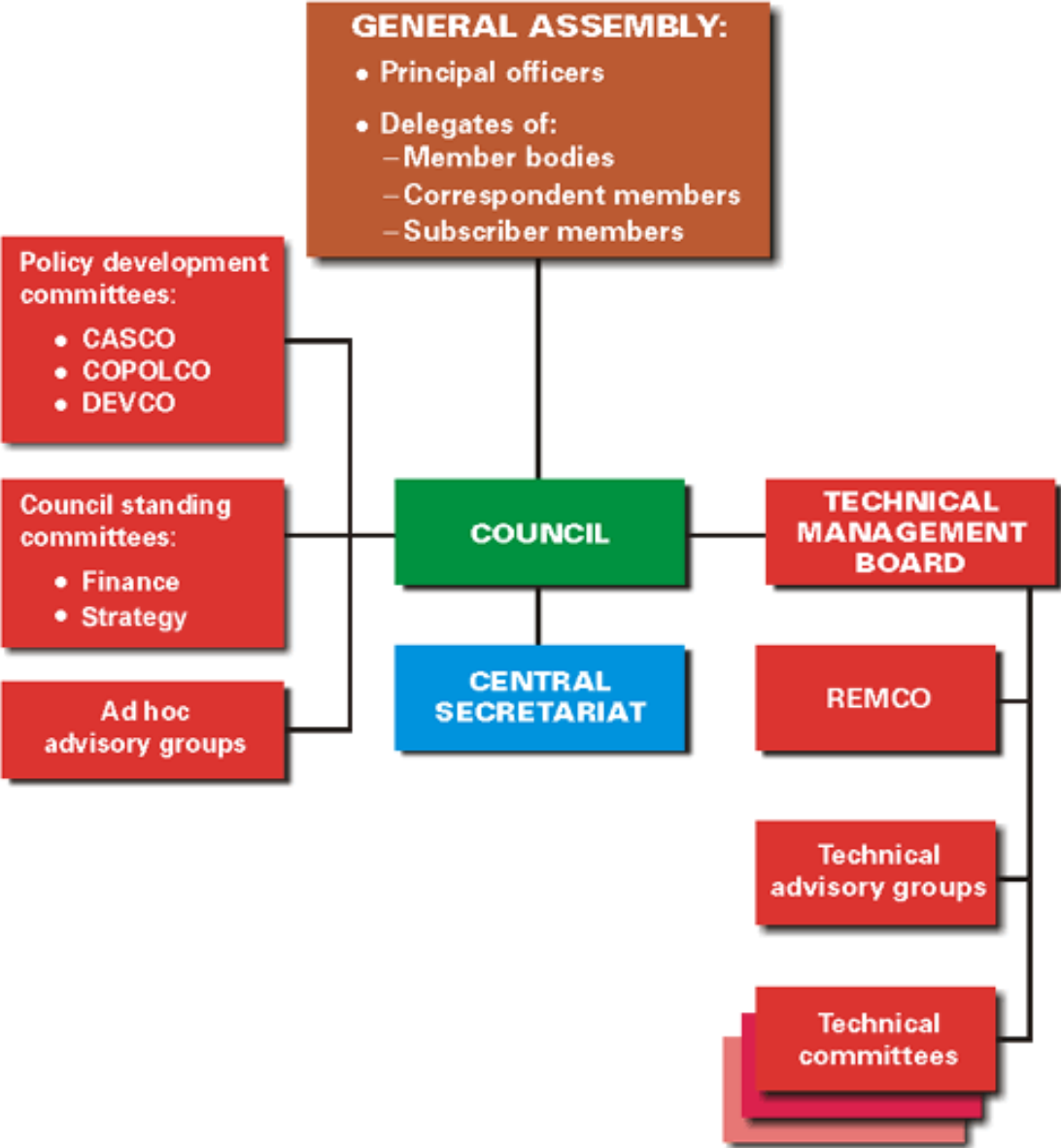
MARIO CORTOPASSI

(EX ISO PRESIDENT) SYDNEY 2001





ISO STRUCTURE





GLOBAL RELEVANCE OF ISO/IEC-CASCO DOCUMENTS

WTO-TBT Agreement

National Adoptions

Reference in Technical
Regulations

Basis for Accreditation:
MOU IAF-ILAC-ISO



WTO-TBT

**Third Triennial Review (11 November
2003)**

CONFORMITY ASSESSMENT (CA) PROCEDURES

Article 5

“... Sets out (for government bodies) ... the use of international guides or recommendations ...” and

“... the importance of Members using ... and playing a full part ... in the preparation by appropriate international standardizing bodies of guides and recommendations for conformity assessment procedures ...”

“... Moreover the Committee (TBT) notes the increasing development of international standards for conformity assessment procedures”.



WTO-TBT

Third Triennial Review

(11 November 2003)

ACCREDITATION

“ ... Article 6.1.1

identifies accreditation as a possible tool for Members to verify the technical competence of CA bodies”.

“When operated according to relevant international standards, ... accreditation offers a mechanism which could promote confidence”.

“This could reduce trade barriers when governmental ... authorities accept the results of accredited bodies”.

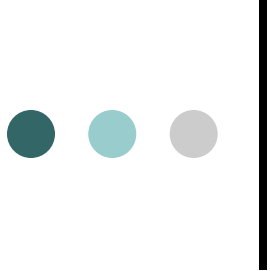
“Members ensuring that accreditation bodies follow ... provisions on transparency and openness”.



Confidence in conformity assessment Accreditation - ISO/IEC 17011:2004

Main Objective:

- “one standard for the facilitation *of the recognition process of the accredited conformity assessment activity*”
- It replaces Guides 58 (Laboratory accreditation) and 61 (Certification body accreditation) and TR 17 010 (Inspection body accreditation)
- It is also useful for the peer assessment of accreditation bodies
- Clear statement of incompatibility for the accreditation body between undertaking both accreditation and accredited activities
- It affects all 67 members of ILAC, and the 43 members of the IAF and ... thousands of laboratories and certification bodies



CASCO DOCUMENTS

NATIONAL ADOPTIONS

(2001 SURVEY WITH 46 COUNTRIES)

ISO/IEC Standard or Guide	Issue	National adoption (%)
17 025:1999	Laboratories	87.0
62:1996	MS Certification Bodies	80.4
61:1996	Accreditation of CBs	73.9
65:1996	Product CBs	73.9
58:1993	Accreditation of Labs	71.7
2:1996	Definitions	63.0
17 020:1998	Inspections Bodies	58.7



ADOPTION OF ISO/IEC DOCUMENTS ON CONFORMITY ASSESSMENT (or how CASCO standards impact on industry)

SOME EXAMPLES:

APEC – Asia Pacific Economic Cooperation

Report on the result of the
2003 VAP (Voluntary
Action Plan)

Alignment (100%) with
CASCO guides and
standards as national
standards

APEC COUNTRIES

- **Australia**
- **Brunei Darussalam**
- **Canada**
- **Chinese Taipei**
- **Hong Kong China**
- **Indonesia**
- **Japan**
- **Korea**
- **Malaysia**
- **New Zealand**
- **Philippines**
- **Singapore**
- **Thailand**



**ADOPTION OF ISO/IEC DOCUMENTS ON
CONFORMITY ASSESSMENT
(or how CASCO standards impact on industry)**

**COPANT – PAN AMERICAN
STANDARDS COMMISSION**

**SURVEY ON MANDATORY
ELECTRICAL SAFETY CERTIFICATION**

(1999)



COUNTRY	REGULATORY PURPOSE	REQUIREMENTS FOR CERTIFICATION BODIES	REQUIREMENTS FOR LABORATORIES
ARGENTINA	All electrical materials and household appliances	Guide ISO/IEC 65 Guide ISO/IEC 28	Guide ISO/IEC 25
BRAZIL	Fuses, wires and cables, medical equipment, explosive atmosphere equipment	Guide ISO/IEC 65	Guide ISO/IEC 25
CANADA	All electrical equipment	CAN-P-3F (based on Guide 65)	CAN-P-4C (based on Guide 25)
COLOMBIA	Household appliances	Guide ISO/IEC 65	Resolution 140
MEXICO	All electrical materials, lighting and household appliances	Guide ISO/IEC 65	Guide ISO/IEC 25



The IAF-ILAC-ISO MoU

In March 2004 the IAF-ILAC-ISO Memorandum of Understanding (MoU) was signed by the ISO Secretary General with approval of the ISO Council.

The MoU:

- reaffirms ISO/IEC Standards and Guides as the source of requirements for accreditation and conformity assessment bodies and activities;
- recognizes that IAF and ILAC may establish guidance documents to ensure consistent application by accreditors, without adding requirements;
- establishes the IAF-ILAC-ISO JWG;
- confirms the CASCO Chair and Secretary as ISO's main contact point with IAF and ILAC;
- confirms reciprocal involvement in each others work.



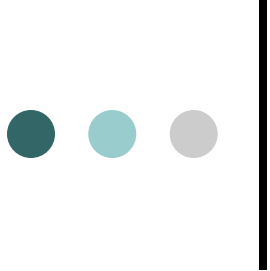
ISO/IEC Standards and Guides on Conformity Assessment approved during 2004 and 2005 (April)

Subject	Previous ISO/IEC document	Present situation
Vocabulary	Guide 2:1996	17000:2004
Code of Good Practice	Guide 60:1994	Guide 60:2004
Supplier's declaration of conformity	Guide 22:1996	17050-1:2004 17050-2:2004
Product certification	Guide 65:1996 Guide 28:1982 Guide 53:1988	Guide 65:1996 Guide 28:2004 Guide 53:2005 Guide 67:2004
Testing and calibration laboratories	17025:1999	17025:2005



ISO/IEC Standards and Guides on Conformity Assessment approved during 2004 and 2005 (April)

Subject	Previous ISO/IEC document	Present situation
Accreditation	Guide 58:1995 Guide 61:1996 TR 17010:1998	17011:2004
Peer evaluation		17040:2005
Common elements – Confidentiality Common elements – Complaints and appeals		PAS 17002:2004 PAS 17003:2004

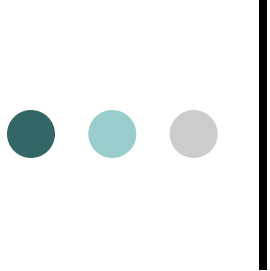


CONFORMITY ASSESSMENT IN ISO/IEC DIRECTIVES – Part 2

Clause 6.7

Product standards, process standards and service standards shall be so written that conformity can be assessed by a manufacturer or supplier (first party), a user or purchaser (second party), or an independent body (third party). In preparing these documents, committee shall consult and follow ISO/IEC Guide 7.

These documents shall not include elements related to conformity assessment aspects other than testing provisions for the products, processes or services specified.



CONFORMITY ASSESSMENT IN ISO/IEC DIRECTIVES – Part 2

Clause 6.7

Committees shall not develop documents providing general requirements for conformity assessment schemes or systems. Development of such documents is the responsibility of the ISO policy committee *Committee of Conformity Assessment (ISO/CASCO)* in liaison with the IEC Conformity Assessment Board (IEC/CAB)

When a committee develops a document relating to conformity assessment systems or schemes or any other document addressing conformity assessment aspects, the document shall directly refer to all the relevant published ISO/IEC documents for conformity assessment procedures including ISO/IEC Guide 2.



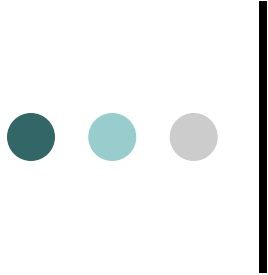
CASCO CONFORMITY ASSESSMENT PROMOTION AND SUPPORT GROUP (THE CAPS)

Analizing and providing input into the technical work of ISO Technical Committees based on clause 6.7, Part 2 of the ISO/IEC Directives

Provision of broader support and advice to standards developers and conformity assessment practitioners on the design and development of sector specific conformity assessment provisions based on CASCO documents, in accordance with CASCO's relevant policies

TERMS OF REFERENCE

Representation of CASCO by CAPS members, as approved by the CASCO Chairman, at external meetings, conferences and workshops to explain and promote the use of CASCO documents



COOPERATION OF CASCO WITH ISO/TCs (some examples)

TC	ISO DOCUMENT
34 – Food products	DIS 7218 DIS 22 000 NWIP 22 003
68 – Banking, securities and other financial services	DIS 13 528
104 – Freight containers	CD 17 712
138 – Plastic pipes, fittings and valves for the transport of fluids	DTS 19 413
147 – Water quality	NWIP 20 612
178 – Lifts, escalators, passenger conveyors	document for product certification
222 – Personal financial planning	DIS 22 222



POLICY ON DEVELOPMENT OF SECTOR SPECIFIC CA PROVISIONS

CASCO will:

- ❑ recognize valid needs for sectors, resisting unnecessary proliferation
- ❑ not initiate but support sectorial initiatives by ISO TCs
- ❑ or other representative organizations
- ❑ ensure that relevant CASCO documents and policies
- ❑ form the acknowledged basis of the sectorial provisions



TCs/CASCO THE FIRST TWO JWG

Joint CASCO/TC 207 WG 6 – Specification for validation and verification bodies for use in accreditation and other forms of recognition.

Joint CASCO/TC 34 WG 8 – NWIP 22 003
Certification bodies for ISO 22 000



Further information

Thank you !

¡ Muchas gracias !

Further information on conformity assessment can be found at the following link:

<http://www.iso.org/iso/en/comms-markets/conformity/iso+conformity.html>

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