

NATIONAL DIGITAL PRESERVATION INFRASTRUCTURE IN INDIA



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INTERNATIONAL SCENE

- Increasing use of standards for products, services, processes and systems – either by regulation – or voluntary
- Need for checking compliance to prescribed standards – conformity assessment – inspection/testing/ certification
- Confidence in conformity assessment
- International acceptability for facilitating trade -
Need for recognition of inspection/testing/ certification across borders
- Accomplished through accreditation

PROVISION IN WTO/TBT AGREEMENT

“Members shall ensure, whenever possible, that results of conformity assessment procedures in other Members are accepted...adequate and enduring technical competence of the relevant conformity assessment bodies in the exporting Member, so that confidence in the continued reliability of their conformity assessment results can exist; in this regard, verified compliance, for instance through **accreditation**, with relevant guides or recommendations issued by international standardizing bodies shall be taken into account as an indication of adequate technical competence”

Article 6

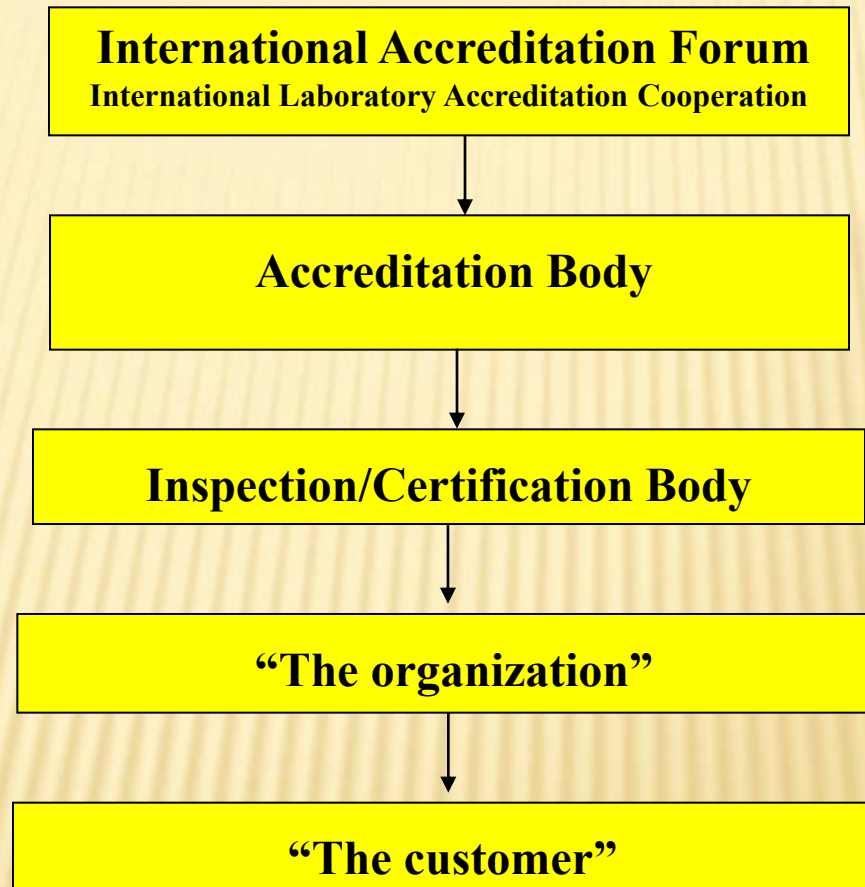
ACCREDITATION

- ▣ Third-party attestation related to a conformity assessment body conveying formal demonstration of its competence to carry out specific conformity assessment tasks (which are detailed in a scope of accreditation) in a reliable credible and accurate manner– ISO 17000
- ▣ Conformity assessment bodies – Certification bodies/ Inspection bodies/Labs
- ▣ QCI – responsible for national accreditation structure
- ▣ International Accreditation Forum (IAF) – Pacific Accreditation Cooperation (PAC) - NABCB member from India
- ▣ International Laboratory Accreditation Cooperation (ILAC) – Asia Pacific Laboratory Accreditation Cooperation (APLAC) - NABL member from India, NABCB for IBs
- ▣ Basis of accreditation – generally international standards on conformity assessment developed by ISO/ IAF or ILAC guidance documents

ACCREDITATION STANDARDS

- ISO CASCO - ISO's policy development committee on conformity assessment
- ISO 17020 Requirements for Inspection Bodies
- **ISO 17021 Requirements for Management Systems CBs – ISO 9001/ISO 14001**
- ISO 17024 Requirements for Personnel CBs
- ISO 17025 Requirements for Testing labs
- ISO 17065 Requirements for Product CBs – covers Products, Process or Service certification
- ISO 22003 Requirements for CBs for FSMS - cross refers to ISO 17021
- ISO 27006 – Requirements for ISMS CBs – cross refers to ISO 17021
- ISO 14065 – Requirements for GHG Validation and Verification Bodies

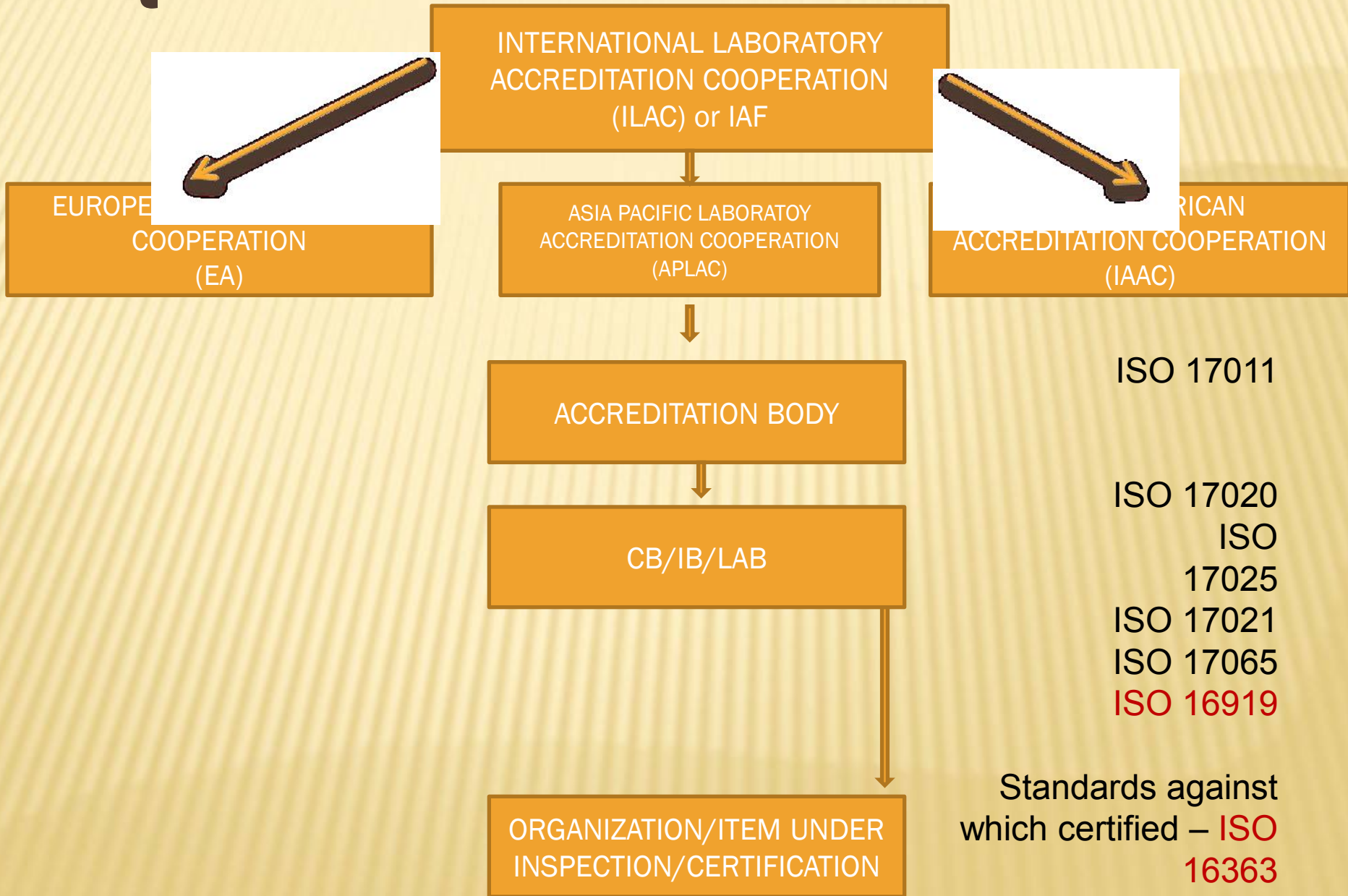
SUPPLY CHAIN IN CONFORMITY ASSESSMENT



INTERNATIONAL EQUIVALENCE

- Accreditation Bodies to comply with ISO 17011 – Peer Assessment – if successful, signatory to MRAs
- NABCB - Signed PAC MLA for QMS – Aug 2002; IAF MLA for QMS – Sept 2002 - Signed PAC MLA for EMS – July 2007; IAF MLA for EMS – Oct 2007; PAC Product in May 2013, IAF Product in Aug 2013, IB APLAC & ILAC MRAs in Sept 2013; FSMS PE Nov 2013; ISMS PE IN 2014
- NABL – signatory to ILAC/APLAC MRAs for Testing and Calibration Labs since 2000; ILAC MRA for medical labs in 2009
- NABCB accreditation equivalent worldwide and certificates with NABCB logo acceptable internationally – same applies to NABL
- Sum up – India has world class accreditation infrastructure

EQUIVALENCE FRAMEWORK



ACCREDITATION PROCESS

- Compliance to accreditation standards
- Document review
- Office assessment
- Witnessing of inspections/audits
- Scope sectors
- Surveillance
- Suspension/Withdrawal
- Renewal

BENEFITS OF ACCREDITATION

- Recognition of certification/inspection/ testing by Indian conformity assessment bodies in other countries – NABCB signatory to IAF MLA – NABL signatory to ILAC MLA – certificates/test reports issued by accredited CABs accepted worldwide
- Regulators accepting reports from IAF/ILAC members – examples Ecuador, Thailand, South Africa
- Increasing use in G-to-G MRAs – example India-Singapore MRA, draft India-EC agreement
- Reduces risk for government, business and customers - international system - ensures through regular surveillance that Conformity assessment bodies are both independent and competent
- Lower cost of accreditation – in turn lower cost of certification/inspection/testing for industry – enhances competitiveness

INFORMATION



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**THANK YOU
FOR YOUR ATTENTION!**

