How regulators in Asia Pacific leverage the MRAs and accreditation to reduce NTBs on ICT products

7 May 2015

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Chief Executive Officer of TAF
Typical NTBs on ICT products

Individual AB and regional/international cooperation provide total solutions

Why is APEC TEL MRA successful?

Successful story: APEC TEL MRA Introduction
Contents

- Typical NTBs on ICT products
- Barriers/requirements in production process
- Benefits of employing accreditation
Typical NTBs on ICT products

- Regulations
- Specifications
- Production
- Raw material
Barriers in production process

Quality: ISO 9001
Environmental: ISO 14001
Occupational: ISO 18001
...........etc.

Raw material → Production → ICT product

RoHS
WEEE
REACH

Safety
Communication protocol
EMC
Efficiency
Specifications: barriers for market entry

- Bluetooth
- TCO
- CTIA
- Energy Star
- Wi-Fi
- etc.
Accredited Conformity Assessment Services

purchaser, regulator, the public

Is it OK if we buy it?

Can we rely on the lab, IB or CB?

Can we rely on the AB?

Product Service

Laboratory, Inspection Body, Certification Body

We check conformance on behalf of you!

We assure you of the competence of the Lab, IB or CB!

Accreditation Body

We evaluate whether or not the AB is competent!

ILAC & IAF

We check conformance on behalf of you!
Conformity Assessment Structure

Taiwan Accreditation Foundation (ISO/IEC 17011:2004)

- IB ISO 17020
- Laboratory ISO 17025 ISO 15189
- PTP ISO 17043
- RMP ISO Guide 34
- GHG V/VB ISO 14065
- Product CB ISO 17065
- Management System CB ISO 17021
- Personnel CB ISO 17024

Suppliers & customers — products, services
# TAF accreditation services & No. of accredited

<table>
<thead>
<tr>
<th>No</th>
<th>Accreditation services</th>
<th>No. of accredited</th>
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<tbody>
<tr>
<td>1</td>
<td>Management System CB: QMS, EMS, ISMS, FSMS, OHSAS, EnMS</td>
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<tr>
<td>2</td>
<td>Product CB</td>
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<tr>
<td>3</td>
<td>Personnel CB</td>
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<td>GHG V/VB</td>
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<td>Agricultural Product CB</td>
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<td>6</td>
<td>Inspection Body</td>
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<td>7</td>
<td>Laboratory: Testing, Calibration, Medical, Civil Engineering</td>
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<td>8</td>
<td>Proficiency Testing Provider</td>
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<tr>
<td>9</td>
<td>GLP Test Facility</td>
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<td>10</td>
<td>Reference Material Producer</td>
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## Acceptance by Foreign Regulators /International Organizations

<table>
<thead>
<tr>
<th>Organization</th>
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<tbody>
<tr>
<td>Bluetooth SIG. Co.</td>
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<tr>
<td>CTIA</td>
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<tr>
<td>TCO</td>
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<tr>
<td>ILAC-IEC MoU</td>
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<tr>
<td>GLOBALGAP</td>
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<tr>
<td>SWCC</td>
</tr>
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<td>US EPA ENERGY STAR</td>
</tr>
<tr>
<td>US EPA GLP Compliance Monitoring Program</td>
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<tr>
<td>US CPSC</td>
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<tr>
<td>IECQ</td>
</tr>
<tr>
<td>US DOE lighting facts®</td>
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</tbody>
</table>
Int’l Accreditation Cooperation

BIPM, CIPM, ICSCA, IEC, ISO, OECD, UNIDO, WADA, WTO/TBT

ILAC / IAF

International

Regional

National

ABs

NAFTA
IAAC

EU / EFTA
EA

APEC
APLAC / PAC

CAEU
ARAC

SADC
AFRAC/SADCA

A2LA
UKAS
TAF

EYSD
SANAS
How do regulators trust the accreditation results, in its existing economy and other economies?
ACCREDITATION

CONFORMITY ASSESSMENT BODIES

PRODUCT & SERVICE PROVIDERS

CONFIDENCE

TRUST

ASSURANCE

GOVERNMENT

CONSUMERS

PURCHASERS

Peer Evaluation

International Standards

Standards / Regulatory requirements / Scheme criteria
Mutual / Multilateral Recognition

The Building Blocks of Confidence

Peer Evaluations

<table>
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<tr>
<th>Comparable Data</th>
<th>Harmonised Operation of Accreditation Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g. Proficiency Testing of Labs</td>
<td>ISO/IEC 17011</td>
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</tbody>
</table>

Common Accreditation Criteria
(ISO / IEC 17025, 17024, 17020, 17065, 17043, ISO 15189, GLP)
What does accreditation provide?

- Reliable accredited conformity assessment services
- Higher probability of good products and services
- Effective risk management for regulators
- Facilitate trade, Ensure safety, health and environmental protection
Benefits of employing accreditation

- Total solutions
- Technical support
- Market surveillance
- Bridging regulators and industries
- Help regulators in risk management
Coverage of the ILAC MRA

(March 2015)
Coverage of the IAF MLA

(April 2015)

- IAF MLA Signatories
- IAF Members not yet Signatories
The Ultimate Goal of MRA/MLA

Accredited Once

Accepted Everywhere
THANK FOR YOUR ATTENTION!

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