Expected benefits of the new OIML-CS

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Outline

1. What would be without it? What would we miss?
2. If we talk about benefits: for whom?
3. What are the benefits for the different operators?
4. Summary
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What would be without it?

Every country has its own requirements.
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What would be without it?

Every manufacturer of a regulated measuring instrument ... 

• would need to realize **slightly different instruments**, 
• would need a **type approval certificate** (or something similar) **for every country**, 
• would have **high costs** for all the testing and the approvals in all the countries, 
• would have a **long time-to-market period** for his measuring instruments, 
• would have to **follow all legislative changes** in all countries.
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What would we miss?

The same requirements everywhere on this planet.
What would we miss?

We would miss...

• the harmonization of requirements for measuring instruments,

• a system, which keeps bureaucratic efforts on a minimum level (especially for manufacturers),

• a system, which allows easy international trade of measuring instruments,

• a system, where worldwide mutual recognition of testing results represents the basic principle!
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If we talk about benefits: for whom?

- Manufacturer
- Issuing authority
- Accreditation body or Peer assessors
- Legal Metrology and QMS Experts
- Utilizer and Associates
- Manufacturer
- Manufacturer Testing Lab
- Customer
What are the benefits for the different operators?

Manufacturer

- Compliance with harmonized requirements of the relevant OIML-recommendations
- Avoidance of duplication of type approval tests in different countries
- Reduced effort to obtain national approvals (saving time and money)
- Shorter time-to-market period
- Easier access to international market
What are the benefits for the different operators?

- Easy issuing of national approvals by authorities from countries in which no test facilities are available and where national type evaluations and approvals are required.
- Reliance on the work of issuing authorities, which have demonstrated competence.
- Reliance on internationally agreed resp. harmonized requirements.
- Only measuring instruments enter the national market, where the quality has been proven.
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What are the benefits for the different operators?

- Acceptance of the certificates on an international level (in all utilizer- and associates-countries)
- Being more attractive for manufacturers from the whole world
- Choice of demonstrating competence by peer assessment or accreditation
- Working on the basis of internationally agreed requirements
- Higher degree of capacity utilization possible
What are the benefits for the different operators?

• Higher reliance on measuring instruments
• Measurements can be compared on international level, e.g. exhaust gas analyzers (interesting especially for companies working in several countries)
• Maybe lower prices for measuring instruments, as the manufacturers save much money (no duplicate testing; easier approval procedures!)
• Measuring instruments are prepared for national metrological control
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Summary

The new OIML-CS represents a certification system for the whole (OIML) world.

The benefits are especially:

• international harmonized requirements for measuring instruments
• highly reduced bureaucratic efforts saving time and money
• more thrust into a worldwide system of mutual recognition
Thank you for your attention!

Questions / remarks?

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