



25th ASIA-PACIFIC LEGAL METROLOGY FORUM AND WORKING GROUP MEETINGS



7-9 Nov 2018, Christchurch, New Zealand



Conformity to Type (CTT): *Pre-market conformity assessment of measuring instruments*

Presented by: Mr Stephen O'Brien
APLMF President
7 Nov 2018



Legal metrological control systems				
Stage	A	B	C	D
Design	Type Evaluation OIML Certificate National or Regional Type Approval Certificate	Type Evaluation OIML Certificate National or Regional Type Approval Certificate	Type Evaluation & Surveillance OIML Certificate National or Regional Type Approval Certificate	Type Evaluation OIML Certificate National or Regional Type Approval Certificate
Production Pre-market 	Initial Verification Conformity to Type Verification Mark	Conformity to Type Conformity Mark Initial Verification Verification Mark	Surveillance Conformity to Type Initial Verification Verification Mark	Initial Verification Verification Mark Conformity to Type Conformity Mark
Use  Post-market	<ul style="list-style-type: none"> - Market surveillance - Inspections - Subsequent verification 	<ul style="list-style-type: none"> - Market surveillance - Inspections - Subsequent verification 	<ul style="list-style-type: none"> - Market surveillance - Inspections - Subsequent verification 	<ul style="list-style-type: none"> - Market surveillance - Inspections - Subsequent verification



Conformity to Type (CTT)

- Conformity assessment procedure focused on the assessment of measuring instruments to give assurance that manufactured (or production) instruments meet the approved type
 - Systematic pre-market conformity assessment procedure applicable to measuring instruments

Need:

- Reduction of strong national type approval testing capability
- Increased complexity of global supply chain
- Need for confidence that production instruments meet type
- Real potential for developing economies to become a 'dumping ground' for instruments that do not consistently meet their approved type
- Need to know 'what and how' to check for CTT, preferable at the border or importer
- General lack of knowledge of measuring instruments: software in particular and possibilities of manipulation
- Comprehensive, yet easy to check, system needed



TC 3/SC 6: Conformity to type

BIML Contact

[Mr. Paul Dixon](#)

[Contact List](#)

Secretariat

NEW ZEALAND

[Mr. Stephen O'Brien](#)

Participating members (21)

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Organizations in liaison

[CECIP European Committee of Weighing Instruments Manufacturers](#)

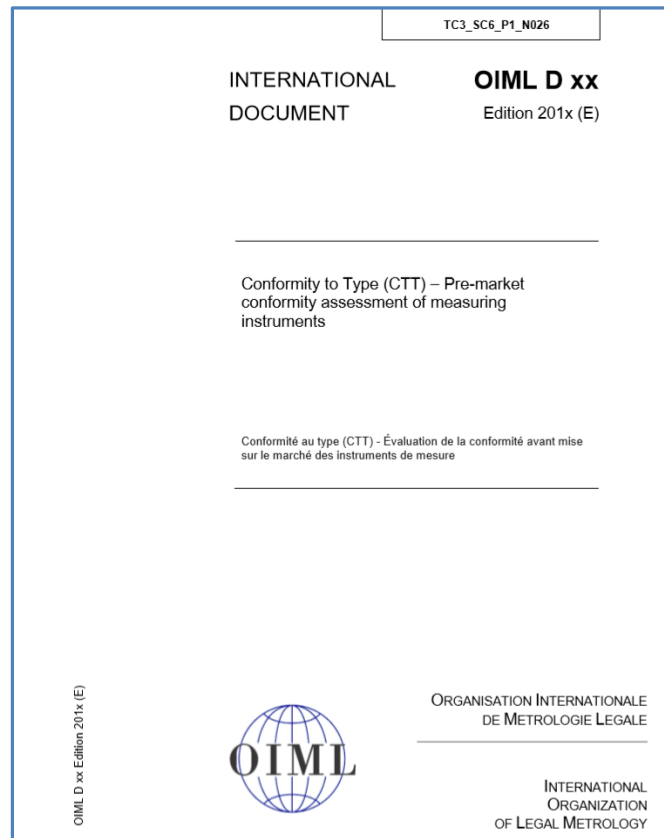
[IEC International Electrotechnical Commission](#)



Conformity to Type (CTT)

TC 3/SC 6: Conformity to type Project: 1

- 4th Committee Draft distributed to Project Group members for comment and vote by 10 December 2018
- Expectation that Document will be circulated to OIML CIML members early in 2018 for approval
- If approved it will be a useful reference document to consider regional CTT pilot programme
- Australia, New Zealand and other interested APLMF economies are invited to form a small working group to develop a proposal for future APLMF member consideration on how a voluntary regional CTT pilot programme could work





Thank you for your time and attention.

Mr Stephen O'Brien: President@aplmf.org

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