

# Legal Metrology in Practice

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Manger Compliance and Enforcement

# Metrology Quality System

- MBIE Trading Standards
- Measurement Standards Laboratory
- International Accreditation New Zealand



**TRADING  
STANDARDS**

The logo for Trading Standards, featuring the words 'TRADING' and 'STANDARDS' in a bold, black, sans-serif font. Below the text is a horizontal bar with a color gradient from light blue to orange.

**Measurement  
Standards Laboratory**  
of New Zealand

The logo for the Measurement Standards Laboratory of New Zealand. It features the text 'Measurement Standards Laboratory' in a bold, black, sans-serif font, with 'of New Zealand' in a smaller font below it. To the right of the text is a stylized graphic of vertical bars of varying heights, resembling a bar chart or a signal waveform.

**IANZ**

The logo for International Accreditation New Zealand (IANZ), consisting of the letters 'IANZ' in a bold, dark blue, sans-serif font.

# Metrology System Supports Conformity

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# Regulatory Responsibilities

## Legal Metrology (focus on trade measurement)



### Aims as regulator:

- Protect consumers
- Build consumer and business confidence
- Provide a level 'playing field' for business
- Support domestic and international trade

# Trading Standards

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- Ensure New Zealanders have accurate measurement and quality fuel
- Maintain and promote the legal metrology infrastructure in New Zealand
- Regulate businesses in New Zealand regarding weights and measures legislation
- Educate businesses and consumers about their rights and responsibilities
- Promote fair trading practices



# Elements of Metrology System

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Market Surveillance

Accredited Persons: Private sector companies & individuals

Type Approved

Complaint, Enquiries and Investigations



International connections: OIML & APLMF

Tested and Verified

Physical Standards

Legislation

# Physical Standards

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- Ensure confidence and credibility
- Standards are predominantly used by Accredited Persons and Trading Standards officers
- Provide measurement traceability to the National Physical Standards
- Laboratories are NZ/ISO/IEC 17025 accredited



# Accreditation Scheme

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## Legislation

- Quality management system (based on ISO 9000)
- Verified testing standards (mass, volume and length)
- Audited system and individuals MOV, COA or NONC

## Verification and Certification

- 49 Accredited Persons / 236 accredited individuals
- 45,000 approved weighing and measuring instruments each year



# Type (Pattern) Approval

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## Legislation

- Equipment in 'use for trade' to be of an approved type
- Methods of Type (Pattern) Approval (based on OIML recommendations):
  - Full Pattern Approval (National Testing)
  - Overseas Based Approval (utilise overseas test results).

## Approval Certificate Register:

<https://trademeasurement.tradingstandards.govt.nz/for-business/equipment-used-for-weighing-and-measuring/search-the-approval-certificate-register/>

# OIML Certificate System

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One Test / One Certification / Accepted Everywhere

Reduce technical barriers to trade

***Introduction to the OIML Certification System (OIML-CS)***

uploaded to the [OIML YouTube channel](#)

- 13 OIML Issuing Authorities (including NMIA)
- 39 Instrument Categories
- 74 Utilizers (including NMIA and TS)

<https://www.oiml.org/en/oiml-cs/oiml-cs-homepage>

<https://www.oiml.org/en/oiml-cs/information-for-manufacturers>

# Complaints, Enquiries & Investigations

## Compliance Tools

### Business

28-day  
compliance  
notice

Letter of  
warning

Infringement  
offence  
notice

Prosecute

### Accreditation

Minor non-  
compliance  
email

Corrective  
action  
request

Letter of  
warning

Amend,  
suspend,  
revoke

Prosecute

# Wood Panels

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# Meat and Poultry



# Thank you for your time

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Trading Standards

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