Water Efficiency Labelling: International Standard

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Today

• Introduction to Standards Australia
• What is ISO?
• How we got here – Developing an International Proposal
• Benefits of the International Standard
• Next Steps
• Questions
Introduction to Standards Australia
About SA

- Nation's peak non-government, not-for-profit Standards body with 96 years experience and 7000+ standards
- Represents Australia on the International Organisation for Standardization (ISO) and International Electrotechnical Commission (IEC)
- Trusted partner of the Australian Government with a strong track record of domestic and international program delivery
Our role

What we do
• We facilitate the development of internationally harmonised standards and other solutions that make a positive contribution to Australia

What we don’t do
• We do not make laws or regulations
• Test or certify products or systems
What is ISO?
International Organisation for Standardisation (ISO)

- An independent, non-government international organisation with a central secretariat in Geneva, Switzerland that coordinates all Standards programs.
- Membership of over 160 National Standards Bodies (NSB) (on the basis of one member, one country) including Standards Australia.
- Develops International Standards (over 21,000) and other deliverables for products, services and processes.
- Consists of approximately 250 technical committees and 500 subcommittees who develop the International Standards.
Standards Australia represents Australia at the ISO and IEC

Multi-discipline and cross-sector, including conformity assessment

Electro-technology, including medical devices
ISO Standards Development Process

1. **Preliminary and Proposal Stage**
   - Preliminary work items and New work item proposal (PWI or NWIP)

2. **Preparatory Stage**
   - Working draft (WD)

3. **Committee Stage**
   - Committee draft (CD)

4. **Enquiry Stage**
   - Enquiry draft, i.e. Draft International Standards (ISO/DIS)

5. **Approval Stage**
   - Final Draft International Standard (FDIS)

6. **Publication Stage**
   - International Standard (ISO, IEC or ISO/IEC)
How we got here – Developing an International Proposal
ISO/PC 316 Establishment

1. Consultation with Department of Agriculture & Water Resources
2. Consultation with ISO Member Countries
3. ISO - New Work Item Proposal
   Approved by ISO Members & ISO Technical Management Board (TMB)
4. Chair & Secretariat Allocation
   ISO/PC 316 Water Efficient Products - Banding launched
   Standards Australia allocated the Chair & Secretariat function
5. First Meeting – 24 - 26 July 2018

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ISO/PC 316 Membership
Scope of the proposed International Standard
Scope of proposed International Standard

Standardisation in the field of water efficient products – Bandings. This will likely include:

• Water Efficiency Banding to indicate water efficiency of water-using fittings and appliances for consumer labelling – What will it look like?
• Key test requirements for individual plumbing products and appliances and determination to derive a water efficiency banding
• Flow rates
• Comfort levels
Products in Scope

- Showers (Showerheads and Mixers)
- Tap equipment (Taps and Mixers)
- Flow controllers
- Lavatory equipment (Dual-flush low capacity flushing cisterns, sitting toilets and squat toilets)
- Urinal equipment (Urinal flush valves)
- Dishwashers for household use
- The dryer function of combination washer/dryers, where they use water to dry washing loads
Benefits of the proposed International Standard
Benefits of the International Standard

Industry and Commerce
• Access to new international markets which comply to the same standards
• Enhanced consumer loyalty and product differentiation

Government
• More water for other purposes (i.e. Agriculture and Food security)

Consumers
• Reduced household expenditure on water bills
• Empowerment to make choices regarding consumer products
Next Steps
ISO/PC 316 – 1st Plenary Meeting

• Date: 24th to 26th July 2018
• Location: Sydney, Australia
• Agenda:
  – Introduction of new ISO Project Committee
  – Reports from Member Bodies
  – Confirmation of Title & Scope
  – Program of Future Work
Questions