

The logo for Standards Australia features a stylized yellow and white graphic resembling a water droplet or a leaf, with several thin white circular lines of varying radii overlapping it. The text "STANDARDS Australia" is positioned to the left of the graphic.

STANDARDS
Australia

Water Efficiency Labelling: International Standard

Brett Lovett, MBA

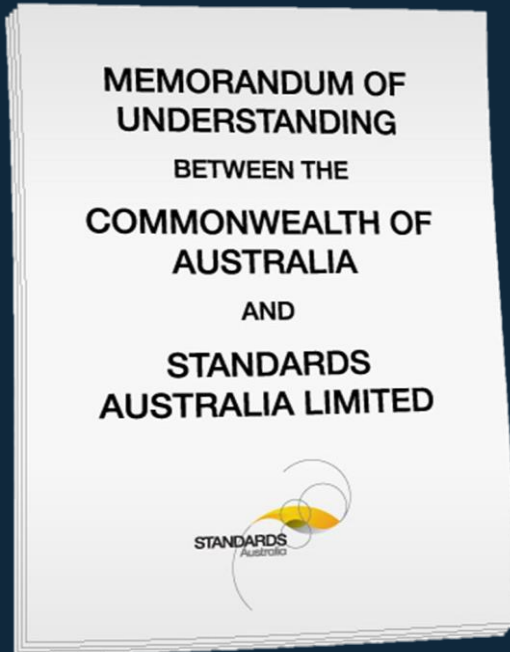
Today

- 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



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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



Preliminary and Proposal Stage
Preliminary work items and New work item proposal (PWI or NWIP)

Preparatory Stage
Working draft (WD)

Committee Stage
Committee draft (CD)

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

Approval Stage
Final Draft International Standard (FDIS)

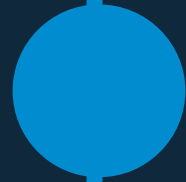
Publication Stage
International Standard (ISO, IEC or ISO/IEC)

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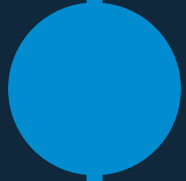
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How we got here – Developing an International Proposal

ISO/PC 316 Establishment



Consultation with Department of
Agriculture & Water Resources



Consultation with ISO Member
Countries



ISO - New Work Item Proposal

Approved by ISO Members & ISO Technical
Management Board (TMB)



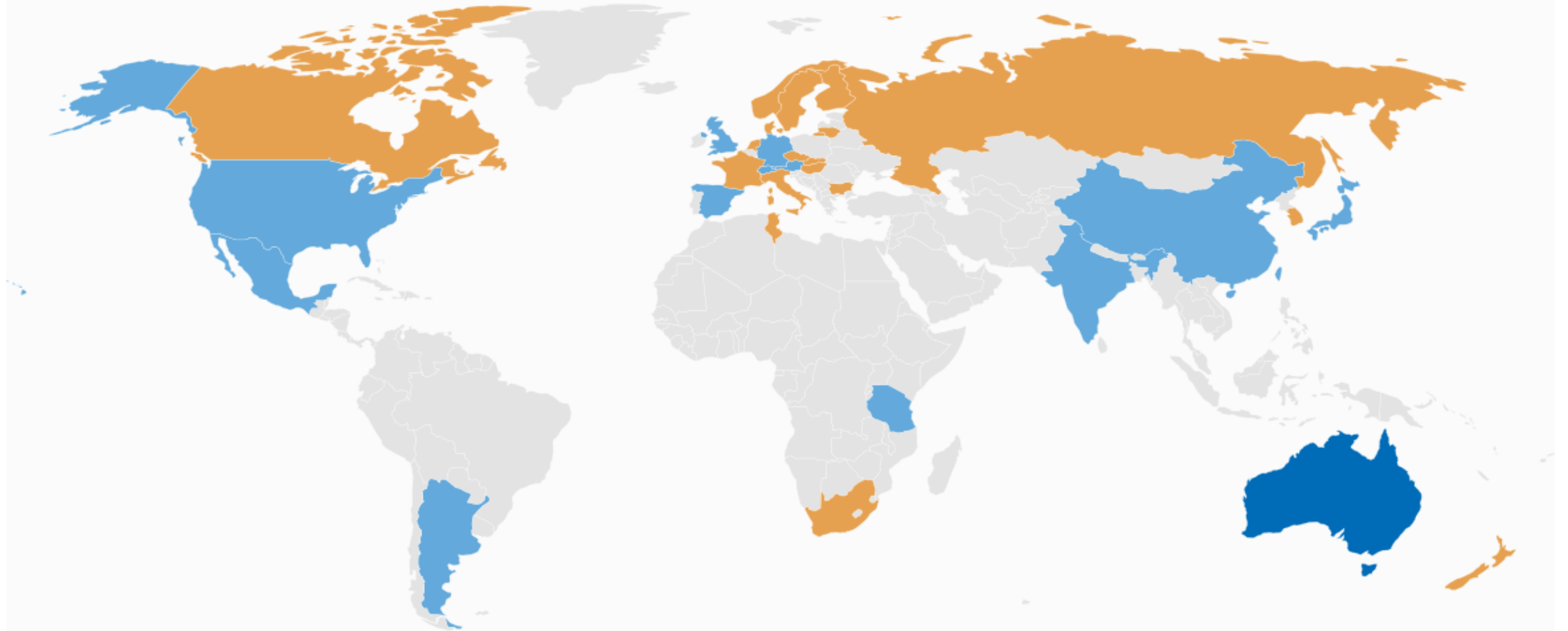
Chair & Secretariat Allocation

ISO/PC 316 Water Efficient Products - Banding launched
Standards Australia allocated the Chair & Secretariat
function



First Meeting – 24 - 26 July 2018

ISO/PC 316 Membership



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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

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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