

Summary of Products Regulated for Energy Efficiency in Australia: Schedule of Changes and Updates, 1 December 2008

All published standards and amendments are available from www.standards.com.au Most standards are published jointly with Standards New Zealand except those shown as AS only. Forthcoming standards, amendments or programs are shown [in square brackets]. Only latest published amendment with year is shown. Draft standards released for public comment by Standards Australia are indicated as DRXXXXX. These are available only during the comment period. AS standards with numbers 6XXXX are usually clones of IEC standards with the same number.

Product	Test Method(s)	Regulatory Standard	Program	Work in progress	Outcome of current work	Target Date
Clothes Washers	AS/NZS2040.1–2005, Amdt 1–2007 [Amdt 2]	AS/NZS2040.2–2005 AS/NZS 6400 (water label)	Energy Labelling (>1990)	1. Refinements to test method – see DR08222. 2. Revision including IEC load and part load testing proposed for 2009 3. Water efficiency standards (WELS RIS)	1. Amendment 2 to Part 1. 2. Part 1 & 2 revision 3. Amendment AS/NZS6400	1. Early 2009 2. Late 2009 3. 2009
Clothes Dryers	AS/NZS2442.1–1996, Amdt 4–2006	AS/NZS2442.2–2000, Amdt 2–2007	Energy Labelling (>1989)	1. Amendment to Part 2 to include water consumption on the label. 2. Refinement of test method and requirements for standby and initial moisture content	1. Amendment to Part 2. 2. Revision to Part 1 & 2	1. & 2. 2009
Dishwashers	AS/NZS2007.1–2005	AS/NZS2007.2 – 2005 AS/NZS 6400 (water label)	Energy Labelling (>1988)	Fully align with IEC test procedure.	Possible revision	2010?
Refrigerators and Freezers	AS/NZS4474.1–2007	AS/NZS4474.2–2001, Amdt 4 – 2007 [Revision 2008]	Labelling (>1986), MEPS Jan 2005	Review of labelling algorithms post MEPS 2005. See RIS Report 2008/04 and DR08196.	Revision of Part 2 – new labelling algorithm for 2010	Late 2008
Electric Cooking	AS1549–1983 AS1550–1983	None proposed	Voluntary MEPS proposed	Proposal for industry to meet voluntary MEPS target for ovens, implement monitoring system (report 2002/03). May need to update test method (very old).	E3 to decide whether oven MEPS is required	
Distribution Transformers	AS2374.1–1997 AS2735–1984	AS2374.1.2–2003, Amdt 1 2005	MEPS Oct 2004	New MEPS levels under investigation. See report 2007/17.	Revision of Part 2	2009

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Air Conditioners	AS/NZS3823.1.1–1998, Amdt 3–2006 AS/NZS3823.1.2–2001, Amdt 3–2006, AS/NZS3823.1.3–2005, AS/NZS3823.3–2002	AS/NZS3823.2–2005, Amdt 3 2008	Energy Labelling (>1987), MEPS Oct 2007	1. Review labelling algorithm and include new MEPS levels, requirements for standby, power factor, heating for 2010– see RIS Report 2008/09. 2. Include multi-splits into MEPS on publication of ISO15042 – DR in preparation	1. Part 2 revision 2. New Part 1.4 and amendment to Part 2	1. DR to be released in early 2009 2. DR to be released in mid 2009
Chillers	AS/NZS4776.1.1, AS/NZS4776.1.2	AS/NZS4776.2	MEPS Jul 2009	See RIS Report 2007/16		
Close control air conditioners	AS/NZS4965.1	AS/NZS4965.2	MEPS Jul 2009	See RIS Report 2008/11		
Electric Water Heaters	AS/NZS4692.1 or AS1056.1–1991, Amdt 5–2005 and AS1361 Amdt 1-2005	AS/NZS4692.2	MEPS (>1999), MEPS Oct 2005	Deemed to comply options for water heaters. Draft methodology under committee consideration.	New part to AS/NZS4692 and amendment to Part 2	2009
Boiling and chilled water dispensers	[AS/NZS4842.1]	[possibly AS/NZS4842.2]	[MEPS]	New working group of EL20. Development of test method and MEPS requirements for applicable equipment. See NAEDEC report 2004/16 Oct 2004.	Draft standards for test method and MEPS as applicable. Test method public comment on DR06152 closed May 2006.	Work on hold for the moment
Three Phase Electric Motors	AS1359.101–1997, Amdt 2–1998, AS1359.102.1–1997 (method B=IEC60034-2) AS/NZS1359.102.3–2000 (method A=IEC61972)	AS/NZS1359.5–2004	MEPS & high efficiency marking (>2001), revised MEPS 2006	Review IEC 61972 and AS/NZS to show equivalence. Participate in revision of IEC60034-2.	Review of equivalence of IEC61972 / AS/NZS1359.102.3 is under way to assess whether re-publication is necessary. Develop standardised reporting for registration system.	2009
Fluorescent Lamp Ballasts	AS/NZS4783.1–2001	AS/NZS4783.2–2002	MEPS and efficiency labelling (>2003)	Review longer term MEPS levels (EU review)	Consider revision of Part 2 if and when required.	2010

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Linear Fluorescent Lamps	AS/NZS 4782.1 - 2004 (IEC60081), AS/NZS60901-2003, AS/NZS 4782.3 -2006	AS/NZS 4782.2-2004, Amdt 2 – 2006	MEPS Oct 2004	Amendments to limit mercury content in fluorescent lamps to 15mg and to increase minimum colour rendering index requirements from 69 to 79 as part of MEPS.	Method to determine mercury content published as AS/NZS4782.3-2006, Amendments 1 and 2 to Part 2 published July 2006.	
Compact Fluorescent Lamps	AS/NZS 4847.1 - 2008, AS/NZS 4782.3 -2006	AS/NZS 4847.2-2008	MEPS Dec 2008	MEPS compliance may also be through ELI or EST specifications.		
General Lighting Service Lamps	AS/NZS 4934.1 - 2008	AS/NZS 4934.2-2008	MEPS Dec 2008	Covers incandescent and quartz halogen. See RIS Report 2008/08.		
ELV Lighting Transformers	AS/NZS 4879.1 - 2008	AS/NZS 4879.2-2008	MEPS Oct 2010			
Commercial Refrigeration – remote and self contained	AS1731–2003 Parts 1 to 13, Amdt 1 2005	AS1731.14-2003, Amdt 1 2005	MEPS Oct 2004	Review of scope of products covered and MEPS requirements for products where these are not yet specified.		
Refrigerated vending machines	None [new test method]	[None yet]	[MEPS]	See RIS Report 2008/10.		
Commercial Refrigeration – icemakers	None [new test method]	[None yet]	[MEPS]	Develop test method that is a clone of ISO/DIS16522 when published	New test method – number unknown	
Standby	AS/NZS62301-2005	[Potentially various]	Various	1. Horizontal requirements and RIS in preparation for implementation in 2012. 2. Revision of test method to align with new IEC revision.	1. MEPS on standby 2. New test method	1. RIS in 2009 2. Draft mid 2009
Audio and Video Equipment	AS/NZS62807-2004	[none]	[MEPS]	To be covered by standby horizontal requirements		
Digital Set Top Boxes	AS/NZS62087-2004	AS/NZS 62087.2.1-2008	MEPS Dec 2008	See RIS Report number 2007/11.		
Computer and Monitors	None [new test method]	[None yet]	[MEPS]	Development of MEPS requirements for applicable equipment.	Drafts standards for MEPS as applicable.	2009
External Power Supplies	AS/NZS4665.1-2005	AS/NZS4665.2-2005	MEPS Dec 2008	See RIS Report number 2007/07.		

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Gas Products	AS4551 (AG101) AS4552 (AG102) AS4553 (AG103) AS4556 (AG106)	Included within test methods at this stage [AS4552.3]	Energy Labelling and MEPS [AGA >1987]	1. Water heater test method revision in preparation. Currently inter-laboratory tests in progress. 2. MEPS proposals for water heaters – see RIS report 2008/07. 3. MEPS proposals for space heaters in progress	1. New energy only test method for gas water heaters 2. New MEPS standard for gas water heaters 3. Regulatory Impact Statement for space heaters.	1. By mid 2009 2. By mid 2009 3. By mid 2009
Load Control Requirements	AS 4755-2007	[None yet]		Classification code for demand response capabilities of electrical products. (new standard). Requirements to be included in new Part 2 for air conditioner revision 2009 – see RIS report 2008/09	Declaration of demand response capability on air conditioners	2009