

Energy Labelling and MEPS program

Regulatory Ruling

Ruling Number: 0013

Revision A

Revision Date 5/09/2007

This ruling has been prepared on behalf of all regulators for energy labelling and MEPS for electrical appliances in Australia and New Zealand. This ruling represents an agreed interpretation of the relevant regulations. This interpretation shall be recognised in all Australian and New Zealand jurisdictions.

Product Type: Rotary Clothes Dryers
Relevant Standard AS 2442.1 - 1996
Relevant Clause/s E2.1
Initial Date of Draft Ruling: 05/09/2007
Date of Standard Amendment TBA

	NSW	QLD	SA	VIC	NZ
Accepted By	T Aldrich	V Thompson	R Anderson	M Grubert	T Collins
Date Accepted	6/09/2007	14/09/2007	6/09/2007	6/09/2007	12/09/2007

Subject

Standard Mixed Cotton Test Load

Ruling:

As an alternative to the standard mixed cotton load as specified in Appendix E table E1 of AS/NZS 2442.1 : 1996 (which is no longer readily available) a test load that meets the specifications as set out in table C1 of Appendix C in AS/NZS 2040.1 : 2005 – Amendment 1 (30 April 2007) may be used. Note that the load make up as specified in Appendix E table E2 of AS/NZS 2442.1 must still be applied irrespective of the load components used.

Technical details associated with this alternative are summarized on the following page.

Note: The total mass of the load when using the revised load specification and make up Table E2 is on average 3.2% higher than the target bone dry mass. This is slightly higher than the original load specified in AS/NZS 2442.1-1996 but is within acceptable limits considering that the mass of the load items is measured when they are new and some loss of mass is expected over the life of the load items.

Proposed revisions to the Standard

As above, as an amendment to Appendix E table E1 of AS/NZS 2442.1- 1996

Amendment 1 to AS/NZS 2040.1-2005 to be attached to this document

Item	Target Bone Dry Mass (g)	
	AS/NZS 2442.1:1996 Table E1	AS/NZS 2040.1:2005 – Amendment 1 Table C1
Sheets	0.69	0.730
Bath towels	0.32	0.330
Tablecloths	0.23	0.240
Shirts	0.2	0.200
T-shirts	0.15	0.150
Pillow cases	0.13	0.130
Under shorts	0.09	0.090
Wash cloths	0.06	0.060
Handkerchiefs	0.013	0.014

Rated Capacity	Theoretical Bone Dry Mass of Load Components using load as specified in AS/NZS 2040.1:2005 – Amendment 1 Table C1 (g) and make up as specified in Appendix E table E2 of AS/NZS 2442.1																			
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	
Sheets	0	0	0	0	0	0	0	0	0	0.73	0.73	1.46	1.46	2.19	2.19	2.19	2.92	2.92	2.92	
Bath towels	0.33	0.33	0.66	0.66	1.32	1.32	1.32	1.32	1.65	1.32	1.65	1.65	1.98	1.65	1.65	1.98	1.98	2.31	2.31	
Tablecloths	0	0	0	0.48	0.48	0.72	0.72	0.72	0.72	0.72	0.72	0.48	0.48	0.48	0.72	0.72	0.72	0.48	0.96	
Shirts	0.2	0.4	0.4	0.4	0.6	0.6	0.6	0.8	0.8	0.6	0.8	0.6	0.6	0.8	1	1	0.4	0.8	0.8	
T-shirts	0.15	0.15	0.15	0.15	0.15	0.15	0.45	0.45	0.6	0.45	0.45	0.6	0.6	0.75	0.75	0.75	0.9	0.9	0.9	
Pillow cases	0.13	0.13	0.26	0.26	0.13	0.26	0.39	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.65	0.78	0.78	0.78	
Undershorts	0.09	0.27	0.27	0.18	0.09	0.18	0.18	0.27	0.36	0.36	0.36	0.36	0.45	0.27	0.27	0.36	0.45	0.36	0.36	
Wash cloths	0.06	0.12	0.12	0.24	0.12	0.12	0.12	0.12	0.06	0.42	0.42	0.42	0.48	0.42	0.42	0.36	0.36	0.42	0.42	
Handkerchiefs	0.014	0.028	0.042	0.042	0	0.014	0.028	0.07	0.028	0.112	0.07	0.112	0.112	0.098	0.112	0.098	0.098	0.112	0.112	
Total Mass	0.93	1.39	1.85	2.32	2.78	3.24	3.7	4.17	4.63	5.09	5.56	6.02	6.48	6.95	7.41	7.87	8.33	8.8	9.26	
Target Mass	0.974	1.428	1.902	2.412	2.89	3.364	3.808	4.27	4.738	5.232	5.72	6.202	6.682	7.178	7.632	8.108	8.608	9.082	9.562	
Difference (g)	0.044	0.038	0.052	0.092	0.11	0.124	0.108	0.1	0.108	0.142	0.16	0.182	0.202	0.228	0.222	0.238	0.278	0.282	0.302	
% Difference	4.7%	2.7%	2.8%	4.0%	4.0%	3.8%	2.9%	2.4%	2.3%	2.8%	2.9%	3.0%	3.1%	3.3%	3.0%	3.0%	3.3%	3.2%	3.3%	