

Lighting Council Australia

PRESENTATION TO GLOBAL LIGHTING ASSOCIATION

Philadelphia

25 April 2013

1. Legislative and regulatory initiatives affecting lighting products

Electrical Equipment Safety Scheme - www.erac.gov.au

- All electrical equipment supply companies must register before 1 September 2013 on national database (\$200 per annum)
- In registering company must declare that product placed on the Australian market is safe
- All product to carry Regulatory Compliance Mark (RCM)
 - New product mandatory from 1 March
 - Existing product voluntary until March 2016



1. Legislative and regulatory initiatives affecting lighting products (cont.)

New EMC regulations

- On 9 February 2013, the 2 year voluntary compliance period for 30-300MHz testing based on CISPR 15 ended.
 - It is now mandatory for medium risk product, such as switch mode power supply products – including electronic transformers, ballasts, LED lamps, drivers etc - to comply to 30-300MHz limits.
- From 1 March 2013 new labelling arrangements apply for first-time suppliers – Regulatory Compliance Mark replaces former marks.



MEPS for mains voltage halogen lamps

- A new MEPS regime was due to come into effect on 1 October 2012.
- However lighting industry unable to meet the stringent requirements.
- As a consequence Australian regulator issued Regulatory Ruling 43c which delays the application of full MEPS to MVH reflector and non-reflector lamps by one year pending a review of the availability of effective and efficient replacement products.
- LCA's position is that Australia should fall in line with harmonised EU requirements.

Proposed MEPS

Australian regulator planning to:

- increase existing MEPS on fluorescent ballasts, T12 and T8 lamps
- introduce MEPS on T5 lamps, circular lamps, mercury vapour products, commercial luminaires and LEDs

1. Legislative and regulatory initiatives affecting lighting products (cont.)

Proposal to regulate LEDs foreshadowed by Australian Government:

- Determine energy efficiency test method for LED lighting
- Determine appropriateness of a labelling scheme (voluntary or mandatory)
- Prepare model regulation for adoption by Australia and New Zealand
- Develop an on-line registration system integrated into the energy rating website registration system.
- Prepare stakeholder and consumer education material

2. New standards developed or under development

| | | |
|--|------------------------------|-----------------|
| Nightlights incl. LED | Adopt + amend IEC 60598-2-12 | Publish Q2 2013 |
| LED drivers | Adopt + amend IEC 61347.2.13 | Publish Q2 2013 |
| LED self-ballasted lamps | Adopt + amend 62560 | Draft complete |
| LED linear lamps | Amend 60598.2.1 | Draft complete |
| T8/T5 adaptors | Amend 60598.2.1 | Draft imminent |
| Recessed luminaires | New work 60598.2.2 | |
| General luminaires | Adopt + amend 60598.1 | |
| General control gear | Adopt + amend 61347.1 | |
| MEPS – Update AS/NZS 4847 (CFLs) and AS/NZ 4934 (incandescent lamps) parts 1 & 2 | | |

3. Penetration of solid state lighting products

- No hard information on penetration of SSL in Australia
- However estimated 25% of new commercial installations is SSL
- Whilst domestic penetration is estimated at 30%
- Lighting Council Australia receives on average 3 new inquiries a week on companies wishing to import and sell SSL

4. Phase-out of lighting products



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Australia's MEPS regime

| Lamp types | Sales restricted from |
|--|--|
| <ul style="list-style-type: none">• Tungsten incandescent GLS Lamps• ELV halogen non-reflector | November 2009 |
| <ul style="list-style-type: none">• >40W candle, fancy round and decorative lamps• ELV halogen reflector | October 2010 |
| <ul style="list-style-type: none">• Mains voltage halogen non-reflector | 1 January 2011 |
| <ul style="list-style-type: none">• 50 W halogen | April 2012 (new regime: max 37 W) |
| <ul style="list-style-type: none">• >25W candle, fancy round and decorative lamps | October 2012 |
| <ul style="list-style-type: none">• Mains voltage reflector lamps including halogen (PAR, ER, R etc) | October 2013 - dependent on availability of efficient replacement products |
| <ul style="list-style-type: none">• Pilot lamps 25W and below | To be determined - dependent on availability of replacement products |

5. New recycling/product stewardship requirements

- Australia's parliament enacted Product Stewardship Act in 2011
- Provides framework for voluntary, co-regulatory and mandatory product stewardship
- Government in discussions with Lighting Council to migrate FluoroCycle – a government program administered by Lighting Council - to an industry-led scheme (expected to occur in July 2013)

6. Hazardous substances

- Australia participated in UNEP negotiations on Legally Binding Instrument on Mercury - expected to become a Signatory.
- On 19 April Australian Government released Consultation Regulation Impact Statement – Management of chemical environmental risks (options paper for risk management)

7. Government programs to stimulate energy efficiency and energy efficient lighting

Australia has several programs promoting energy efficiency. None is specifically for lighting. However energy efficient lighting is an eligible activity.

Examples:

- Victorian Energy Efficiency Target (VEET) Scheme - www.veet.vic.gov.au
- New South Wales' Energy Savings Scheme - www.ess.nsw.gov.au
- Low Carbon Australia - www.lowcarbonaustralia.com.au

- Major lighting conference, exhibition, networking event
- Overseas Passenger Terminal, Circular Quay, Sydney
 - 4-6 June 2013 www.sparcevent.org

