

Energy Labelling and MEPS Program Regulatory Ruling

Ruling Number: 0030 **Revision:** C **Revision Date:** 30/09/2010

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

Product Type: Incandescent Lamps
Relevant Standard: AS/NZS 4934.2 (interim)
Relevant Clause/s: 4.3 Lamp Efficacy
Initial Date of Ruling: 30/09/2010
Date of Standard Amendment: 1 October 2010

	NSW	QLD	SA	VIC	NZ
Accepted by:	Department of Industry and Investment	Department of Justice and Attorney General	Department of Transport, Energy & Infrastructure	Energy Safe Victoria	Energy Efficiency & Conservation Authority
Date Accepted	07/10/2010	07/10/2010	08/10/2010	08/10/2010	N/A

Subject: Incandescent Lamp Efficacy

Background

Minimum energy performance Standards (MEPS) for Mains Voltage Halogen non reflector incandescent lamps were included in the *Decision Regulatory Impact Statement – Proposed MEPS for incandescent lamps, compact fluorescent lamps and voltage converters* (RIS) published in May 2009.

The RIS indicated MEPS levels for Mains Voltage Halogen non reflector lamps were scheduled for commencement on 1 October 2010 at levels set by AS/NZS 4934.2(Int):2008 “subject to annual review”. The RIS was approved by the Ministerial Council for Energy on 13 August 2009.

Review of the marketplace has indicated the MEPS level for AS/NZS 4934.2(Int):2008 for the initial efficacy values of Mains Voltage Halogen non reflector lamps would not allow sufficient product availability if the MEPS levels were implemented.

To ensure sufficient product availability and in discussion with stakeholders a revised MEPS level for Mains Voltage Halogen non reflector lamps (similar to levels applied in Europe) will be applied for an initial two year period.

Ruling:

In recognition of the timing of this ruling, suppliers have until 1 January 2011 to register Mains Voltage Halogen non-reflector product that is currently in the market place.

Change the text of clause 4.3 to read:

When tested in accordance with AS/NZS 4934.1, all lamps covered by this Interim Standard shall have an initial efficacy as follows:

Initial efficacy shall be $\geq 2.8 \ln (L) - 4.0$

Where L = Initial luminous flux of the lamp in lumens

Until 30 September 2012, when tested in accordance with AS/NZS 4934.1, Mains Voltage Halogen non reflector lamps covered by this Interim Standard shall have an initial efficacy as follows:

Initial efficacy shall be $\geq 0.95 \times [2.8 \ln (L) - 4.0]$

Where L = Initial luminous flux of the lamp in lumens

Note: no level of "testing tolerance" is to be claimed or applied to values obtained for use in the calculation of initial efficacy used for registration.

Proposed revision to the Standard: as above.