

# Energy Labelling and MEPS program Regulatory Ruling

**Ruling Number:** 0036

**Revision** A

**Revision Date** 09/03/2011

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:** Televisions  
**Relevant Standard** AS/NZS 62087.2.2:2010  
**Relevant Clause/s** various  
**Initial Date of Draft Ruling:**  
**Date of Standard Amendment**

	NSW	QLD	SA	VIC	NZ
	Department of Water and Energy	Department of Justice and Attorney-General	Department for Transport, Energy and Infrastructure	Energy Safe Victoria	Energy Efficiency and Conservation Authority
<b>Date Accepted</b>	3/2/11	3/2/11	3/2/11	3/2/11	3/2/11

## **Subject:**

Televisions supplied at less than 230/240Vac.

## **Background:**

Televisions are subject to energy efficiency registration requirements. Such televisions are required to be tested at supply voltage (230/240Vac).

Some Televisions are supplied at extra low voltage (for example 6 – 12Vac or dc) and are supplied at this voltage by an external power supply.

AS/NZS 62087.2.2:2010 currently only excludes:

Handheld television sets powered solely from batteries. This includes handheld televisions that have provision for connection to the mains for the sole purpose of charging the batteries. It does not include handheld televisions that have provision for connection to the mains that powers the televisions when the batteries are charging, fully charged or not present.

However, there is still confusion as to what televisions are required to be registered and what test parameters and data must be supplied. This ruling is to clarify television registration requirements.

## **Ruling:**

- televisions require energy efficiency registration if they are:
  - Directly connected to 230v or 240V

- Connected to 230V or 240V via a power supply permanently connected to the television (including a power supply within the television as a component and so the user only sees a 230Vac or 240vac supply connection)
  - Connected to 230V or 240V via an external power supply that can be disconnected from the television and the television can be operated via the EPS without batteries (i.e. the EPS is not specifically for charging batteries)
- televisions connected via an external power supply that can be disconnected from the television, and that power supply is supplied with the television, are tested with the external power supply supplied with the television. All energy measurements are taken with the external power supply energy consumption included.
- televisions connected via an external power supply that can be disconnected from the television that are not supplied with an external power supply are tested with an external power supply of energy level III. All energy measurements are taken with the external power supply energy consumption included.
- Details of the external power supply used in testing is to be included in the information supplied at time of registration (brand and model number required).
- television nameplate input voltage, frequency, current, power and external power supply input voltage, frequency, current, power must be supplied for registration

#### Proposed revisions to the Standard

Amend Appendix A (and on-line registration) to enable capture of required data as indicated above.