

Set Top Boxes

How to meet energy efficiency regulation requirements

Set top boxes sold or hired in New Zealand must, by law, comply with [minimum energy performance standards \(MEPS\)](#) requirements. This document outlines the requirements and how to meet them if you import or manufacture set top boxes in New Zealand.

Why have MEPS for set top boxes?

Minimum energy performance standards (MEPS) improve the efficiency of set top boxes saving customers on running costs and reducing greenhouse gas emissions over the life of the product.

Which set top boxes are included?

MEPS covers simple, non-recording, stand-alone, 'free-to-air' digital television (DTV) set-top boxes (STBs) associated with DTV broadcasts.

What do I need to do to comply with the law?

Importers and manufacturers of set top boxes, are required to:

- [Step-1](#) Ensure each set top box model has been tested to **AS/NZS 62087.1:2010** and ensure each set top box model meets or exceed the minimum energy performance levels specified in **AS/NZS 62087.2.1:2008**.
- [Step-2](#) Energy Rating Labelling: **N/A**
- [Step-3](#) Register each set top box model through the energy rating website.
- [Step-4](#) Provide EECA with product sales, import and export data each year.

Retailers are required to check their products are registered on the [energy rating website](#).

See the questions and answers below for more information

Which set top boxes are excluded?

MEPS does **not** apply to digital receivers that are integrated with other equipment, such as television receivers, digital recorders and DVD players or devices designed to receive television signals via broadband internet services.

Which standards apply?

AS/NZS 62087.2.1:2008: Power consumption of audio, video and related equipment—Minimum energy performance standards (MEPS) requirements for digital television set-top boxes.

AS/NZS 62087.1:2010: Power consumption of audio, video and related equipment—Methods of measurement.

Standards are available for purchase from www.standards.co.nz and for inspection at [EECA's head office](#).

How are energy levels calculated for set top boxes?

Compliance with MEPS is determined by taking the maximum power allowance (MPA) From **Table 1 of AS/NZS 62087.2.1:2008**, adding the additional features allowance (AFA) as specified in **Table 4 of AS/NZS 62087.2.1:2008**, if applicable, and ensuring that the total of MPA plus AFA is no greater than the maximum power level (MPL).

How do I register a set top box on the energy rating website?

If the set top box you are about to register is already registered you are not required to register it. To check, search for the model at:
reg.energyrating.gov.au/comparator/product_types.

If it is not already registered download our quick start guide at:
www.eeca.govt.nz/resource/online-product-registration-guide.

If you haven't used the energyrating.gov.au website before, follow these instructions:

Step 1 Open the registration page: reg.energyrating.gov.au/accounts/register.

Step 2 Create an account and log in.

Step 3 Create an applicant, add contact people etc. as required.

Step 4 Create a new product registration (you will need a test report).

Step 5 Select 'Set Top Box (ST)'.

Step 6 Follow the steps until all fields are complete.

Step 7 Once submitted you will be e-mailed a Registration ID. Record this as you will need it to provide sales data each year.

What information do I need to provide to EECA each year and how do I do it?

Importers and manufacturers are required, by law, to provide statistical information on sales, import and export data annually to EECA.

Data needs to be submitted every year by 1 August, for the period 1 April to 31 March. For example, data from 1 April 2013 to 31 March 2014 must be received by 1 August 2014. The information is submitted through the EECA website where you need to:

Step 1 Set up a user account at www.eeca.govt.nz/webform/request-user-account.

Step 2 Once approved, log in at www.eeca.govt.nz/user/register/supplier/login.

Step 3 When logged in follow the links and instructions for the EECA sales data return tool.

Step 4 Enter your product data - you will need your Registration ID number - the following information is required for each registered model:

- Sales in New Zealand between 1 April and 31 March.
- Imports into New Zealand between 1 April and 31 March.
- Exports from New Zealand between 1 April and 31 March.

Where do I get additional information?

More information about regulated products and how to meet your legal obligations can be found at www.eeca.govt.nz/product-standards.

See the [running costs calculator](#) to find out how choosing a higher star rating can reduce the running costs of products.

There is also information on the energy rating website at www.energyrating.gov.au.

If you have any questions, please email us at compliance@eeca.govt.nz, or phone EECA on **0800 358 676**.