

# Gas Fired Water Heaters

## How to meet energy efficiency regulation requirements

Gas fired water heaters, sold or hired in New Zealand must, by law – even if they come packaged with a product – comply with [minimum energy performance standards \(MEPS\)](#) requirements. This document outlines the requirements and how to meet them if you import or manufacture gas fired water heaters in New Zealand.

### Why have MEPS for gas fired water heaters?

Minimum energy performance standards (MEPS) prevent poorly performing gas fired water heaters from entering our market and bring significant savings to consumers and considerably reduce greenhouse gas emissions over the life of those products that comply.

### Which gas fired water heaters are included?

MEPS covers: Gas water heaters intended for use with natural gas, liquefied petroleum gas (LPG) and simulated natural gas (SNG) up to a nominal gas consumption of 50 MJ/h for storage types and 250 MJ/h for instantaneous types and which fall within the scope of AS 4552.

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

**Importers and manufacturers of gas fired water heaters, are required to:**

- [Step-1](#) Ensure each gas fired water heater model has been tested to **AS 4552:2005** and ensure each gas fired water heater model meets or exceed the minimum energy performance levels specified in **AS/NZS 4552.2:2010**.
- [Step-2](#) Energy Rating Labelling: **N/A**
- [Step-3](#) Register each gas fired water heater 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 gas fired water heaters are excluded?

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MEPS does ***not*** apply to gas fired water heaters with;

- storage with a nominal gas consumption in excess of 50 MJ/h,
- instantaneous with a nominal gas consumption in excess of 250 MJ/h,
- storage with a nominal storage capacity of less than 30 L,
- instantaneous with a heat output of less than 13.1 kW,
- storage heater certified only for installation indoors, or
- combination appliance.

## Which standards apply?

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**AS/NZS 4552.2:2010:** Gas fired water heaters for hot water supply and/or central heating—Minimum energy performance standards for gas water heaters.

**AS 4552–2005:** Gas fired water heaters for hot water supply and/or central heating.

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

## How do I register a gas fired water heater on the energy rating website?

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If the gas fired water heater 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](http://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](http://www.eeca.govt.nz/resource/online-product-registration-guide).

If you haven't used the [energyrating.gov.au](http://energyrating.gov.au) website before, follow these instructions:

**Step 1** Open the registration page: [reg.energyrating.gov.au/accounts/register](http://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 'Gas Water Heater (GW)'.

**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?**

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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](http://www.eeca.govt.nz/webform/request-user-account).

**Step 2** Once approved, log in at [www.eeca.govt.nz/user/register/supplier/login](http://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?**

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More information about regulated products and how to meet your legal obligations can be found at [www.eeca.govt.nz/product-standards](http://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](http://www.energyrating.gov.au).

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