

**GREENHOUSE AND ENERGY
MINIMUM STANDARDS (GEMS)
PRODUCT REGISTRATION
APPLICATION QUESTIONS**

HOT WATER HEATERS

NEW ZEALAND

Per AS/NZS 4692.2:2005

August 2019

This form is designed for applicants' internal use only, not for submitting applications to the GEMS Regulator.

All applications for product registration must be submitted to the Regulator via the online registration database at <https://reg.energyrating.gov.au>.

The Regulator cannot accept any applications in hard copy.

Note that this form may be updated from time to time to reflect changes to the registration database and it is the applicant's responsibility to ensure they are using the latest version.

Any question with an asterisk (*) next to it is mandatory.

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VERSION CONTROL

Revision Date	Version	Summary of Changes
30 August 2019	1.1	EECA logo updated.
24 March 2017	1.0	Document finalised.
28 February 2017	0.1	Initial document created.

MODELS AND MANUFACTURER

Product Model Information

Fill in one of the two boxes below, depending on if the product being registered is a single model or a family of models.

FOR SINGLE MODELS

Model Number:* _____ Brand:* _____

FOR FAMILY OF MODELS

What is the family name of the models covered by this application?*

Please provide details for each model covered by this registration:

#1

Model Number:* _____
Brand:* _____

#2

Model Number:* _____
Brand:* _____

#3

Model Number:* _____
Brand:* _____

#4

Model Number:* _____
Brand:* _____

#5

Model Number:* _____
Brand:* _____

#6

Model Number:* _____
Brand:* _____

#7

Model Number:* _____
Brand:* _____

#8

Model Number:* _____
Brand:* _____

#9

Model Number:* _____
Brand:* _____

#10

Model Number:* _____
Brand:* _____

Manufacturing Information

Tick if the product is manufactured in-house

Please provide the following information on the manufacturer if the product is not manufactured in-house. Additional fields are included if there are more than one manufacturer for this product.

Manufacturer Name:* _____

Manufacturer ABN or Company Number:* _____

Name of Contact Person:* _____

Company Phone:* _____ **Company Fax:** _____

Company Email:* _____ **Company Website:** _____

Street Address:* _____

Suburb/Region:* _____ **Postal Code:*** _____ **State/Region:** _____

Country:* _____

Is postal address the same as the street address? Yes No

If you have ticked No, please complete the postal address fields below:

Postal Address: _____

Suburb/Region:* _____ **Postal Code:*** _____ **State/Region:** _____

Country:* _____

Second Manufacturer

If applicable, who is the second manufacturer?

Manufacturer Name:* _____

Manufacturer ABN or Company Number:* _____

Name of Contact Person:* _____

Company Phone:* _____ **Company Fax:** _____

Company Email:* _____ **Company Website:** _____

Street Address:* _____

Suburb/Region:* _____ **Postal Code:*** _____ **State/Region:** _____

Country:* _____

Is postal address the same as the street address? Yes No

If you have ticked No, please complete the postal address fields below:

Postal Address: _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

Third Manufacturer

If applicable, who is the third manufacturer?

Manufacturer Name:* _____

Manufacturer ABN or Company Number:* _____

Name of Contact Person:* _____

Company Phone:* _____ Company Fax: _____

Company Email:* _____ Company Website: _____

Street Address:* _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

Is postal address the same as the street address? Yes No

If you have ticked No, please complete the postal address fields below:

Postal Address: _____

Suburb/Region:* _____ Postal Code:* _____ State/Region: _____

Country:* _____

In what country/countries is this product manufactured?*

How can the date of manufacture be determined from permanent markings on the appliance?*
- Please tick accordingly and if required, provide further information

From a date permanently marked on the rating plate in a non-encrypted format

Provide an example of the date format:

From a date permanently marked on the rating plate in an encrypted format

Describe how the date of manufacture can be determined from the markings on the appliance:

From another form of permanent marking on the product

Describe how the date of manufacture can be determined from the markings on the appliance:

No date mark

Sale Information

In what country/countries will this product be sold?* (please tick one or both, if required)

Australia

New Zealand

When will this product be (or when was this product) first available for purchase?*

LABS & TEST REPORTS

Is a test report provided?*

Yes – a test report is provided (please ensure test report is provided with this form)

If you ticked yes, please answer the questions below:

What test standard was used?* (please tick one)

AS/NZS 4692.1:2005 AS 1056.1 AS 1361 NZ 4602 NZ 4606.1

Which laboratory performed the testing?* - please provide name of laboratory, type of lab (independent or own lab), and street and/or postal address.

Please provide details for each test report, if multiple test reports are provided.

Test Report Number:* _____

Report Signatory:* _____

Test Date:* _____

Test Unit Serial Number: * _____

No – no test report provided

Comments regarding the product, the test procedure or test results that should be taken into account when assessing the product for compliance:

MEPS APPLICATION

Does this product comply with Australian MEPS?* (please tick one)

Yes

No

If you ticked yes, please answer the following question:

What is this application for under Australian MEPS?* (please tick one)

- MEPS in Australia 1999 – Unvented displacement
- MEPS in Australia 2005 – Unvented displacement (< 80 litres)
- MEPS in Australia 2005 – Heat exchange water heaters
- MEPS in Australia 2005 – Vented water heaters
- Licence under Appendix F (50 litre unvented only)

Does this product comply with New Zealand MEPS?*

Yes

No

If you ticked yes, please answer the following question:

What is this application for under New Zealand MEPS?* (please tick one)

- MEPS in New Zealand 2003 – Electric storage water heaters

APPLIANCE DETAILS

Is the appliance round?* (please tick one)

Yes

No

Appliance Dimensions – if appliance is NOT round:

Width: _____ mm Height: _____ mm Depth: _____ mm

Appliance Dimensions: - if appliance IS round

Diameter: _____ mm Height: _____ mm

Water heater type:* (please tick one)

Unvented/Displacement (max > 120kPa)

Vented/Displacement

Heat Exchange

Unvented/Displacement (max < 120kPa)

Vented/Non-displacement

If you ticked Vented/Displacement or Vented/Non-displacement, please answer the following question:

Vented displacement configuration:*

Cistern fed (separate/remote feed tank)

Side mounted feed tank – attached

Pressure reducing valve and valve vented (TPR)

Top mounted feed tank – attached

Pressure reducing valve and open vent

Is there an adjustable temperature control?* (please tick one)

Yes

No

If you ticked yes to adjustable temperature control, please answer the following question:

Temperature control range:

Minimum:* _____ °C Maximum:* _____ °C

If you ticked no to adjustable temperature control, please answer the following question:

Normal thermostat temperature:* _____ °C

Nominal capacity:* _____ L

Rated hot water delivery:* (please tick one)

Not applicable – Application for MEPS in NZ Only

- | | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> 5L | <input type="checkbox"/> 5.5L | <input type="checkbox"/> 6L | <input type="checkbox"/> 6.5L | <input type="checkbox"/> 7L | <input type="checkbox"/> 7.5L | <input type="checkbox"/> 8L |
| <input type="checkbox"/> 8.5L | <input type="checkbox"/> 9L | <input type="checkbox"/> 9.5L | <input type="checkbox"/> 10L | <input type="checkbox"/> 10.5L | <input type="checkbox"/> 11L | <input type="checkbox"/> 11.5L |
| <input type="checkbox"/> 12L | <input type="checkbox"/> 12.5L | <input type="checkbox"/> 13L | <input type="checkbox"/> 13.5L | <input type="checkbox"/> 14L | <input type="checkbox"/> 14.5L | <input type="checkbox"/> 15L |
| <input type="checkbox"/> 15.5L | <input type="checkbox"/> 16L | <input type="checkbox"/> 16.5L | <input type="checkbox"/> 17L | <input type="checkbox"/> 17.5L | <input type="checkbox"/> 18L | <input type="checkbox"/> 18.5L |
| <input type="checkbox"/> 19L | <input type="checkbox"/> 19.5L | <input type="checkbox"/> 20L | <input type="checkbox"/> 21.5L | <input type="checkbox"/> 22L | <input type="checkbox"/> 22.5L | <input type="checkbox"/> 23L |
| <input type="checkbox"/> 23.5L | <input type="checkbox"/> 24L | <input type="checkbox"/> 24.5L | <input type="checkbox"/> 12L | <input type="checkbox"/> 31.5L | <input type="checkbox"/> 40L | <input type="checkbox"/> 50L |
| <input type="checkbox"/> 63L | <input type="checkbox"/> 80L | <input type="checkbox"/> 100L | <input type="checkbox"/> 125L | <input type="checkbox"/> 160L | <input type="checkbox"/> 200L | <input type="checkbox"/> 250L |
| <input type="checkbox"/> 315L | <input type="checkbox"/> 400L | <input type="checkbox"/> 500L | <input type="checkbox"/> 630L | | | |

Rated or declared heat loss for the model (Maximum allowable heat loss)*:

_____ kWh/24hr

Rated voltage:* (please tick one)

- 230 240 230-240

Main heating unit rating:* _____ kW

How many additional heating units does the water heater contain?* _____

Additional heating unit(s) rating:* _____ kW

TEST RESULTS

Test voltage:* _____ V

Measured nominal capacity:* _____ L

Hot water delivery:* _____ L

Measured heat loss for the model:* _____ kWh/day

ALLOWANCES

Total number PR or T/PR values on a hot part of the tank?* _____

Total attached feed tanks?* _____

Total expansion relief values?* _____
(only required to be answered for heat exchange models)

Total other hot water fittings?* _____
(only required to be answered for heat exchange models)