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Australian Government
GEMS Regulator

GREENHOUSE & ENERGY
**MINIMUM
STANDARDS
REGULATOR**

ENERGY RATING PRODUCT REGISTRATION SYSTEM PRODUCT APPLICATION QUESTIONS

HOT WATER HEATERS

AUSTRALIA

Per Greenhouse and Energy Minimum Standards (Electric Water Heaters) Determination 2012

February 2022

This form is designed for applicants' internal use only, not for submitting applications to the Australian or New Zealand Regulator.

All applications for product registration must be submitted to the appropriate Regulator via the Energy Rating Product Registration System located at <https://reg.energyrating.gov.au>.

The Regulators cannot accept any applications in hard copy.

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

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

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VERSION CONTROL

Revision Date	Version	Summary of Changes
7 February 2022	2.3	“Exemption” fields added. Accessibility improved. Branding updated.
17 September 2020	2.2	Updated branding and amended the Rated Voltage field to allow any voltage.
3 February 2020	2.1	Removed DoEE logo for MoG changes – no change to content.
11 December 2017	2.0	New Determination.
23 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.

<p><u>FOR SINGLE MODELS</u></p> <p>Model Number:* _____ Brand:* _____</p>

<p><u>FOR FAMILY OF MODELS</u></p> <p>What is the family name of the models covered by this application?*</p> <p>_____</p>
--

Please provide details for each model covered by this registration, if it is a family of models:

Note: There is a limit of 10 model number(s) for the determination: Greenhouse and Energy Minimum Standards (Electric Water Heaters) Determination 2012.

<p><u>#1</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#2</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#3</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#4</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#5</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#6</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#7</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#8</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>
<p><u>#9</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>	<p><u>#10</u></p> <p>Model Number:* _____</p> <p>Brand:* _____</p>

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 the 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:* _____

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Is the 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 the 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?*

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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?* (please specify exact date)

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

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:

EXEMPTION

Has an exemption from MEPS performance for this model been granted by the GEMS Regulator? (please tick one) Yes No

If you ticked yes, please answer the question below:

Did your exemption approval letter exempt your registration from payment? (please tick one) Yes No

*Please attach the approval letter to this form so it can be uploaded into the system.**

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)

APPLIANCE DETAILS

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

- AS/NZS 4692.1:2005
- AS 1056.1
- AS 1361

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

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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 ONLY one)

- | | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <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:* _____ V

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 park 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)