



## GEMS ACT COMPLIANCE: CHECK TESTING RESULTS JULY TO DECEMBER 2018

### 1. Purpose

This report presents the results of check tests on models of GEMS products finalised between 1 July 2018 and 31 December 2018.

### 2. Background

Check testing refers to activities undertaken to ensure models of GEMS products meet the relevant determination's GEMS level requirements, often referred to as minimum energy performance standards or MEPS, and the energy efficiency claims of manufacturers and suppliers. Check tests are conducted on behalf of the GEMS Regulator by National Association of Testing Authorities (NATA) accredited or affiliated laboratories either in Australia or overseas. Further information is available from the [GEMS Check Testing Policy](#).

### 3. GEMS Products Check Tested

Between 1 July 2018 and 31 December 2018 the GEMS Regulator finalised the check tests of 24 models of the following 11 GEMS products:

GEMS Product	No. Models
Clothes Dryers	6
Clothes Washers	4
Air Conditioners	3
Household Refrigerator/Freezers	3
Televisions	3
Dishwashers	2
Gas Water Heaters	2
Computer Monitors	1
<b>Total</b>	<b>24</b>

### 4. Check Test Results

Of the 24 models tested, 17 (71%) met the relevant determination's GEMS level requirements and the energy efficiency claims of manufacturers and suppliers at the completion of Stage (1) check testing. Seven models (29%) did not.

GEMS Product	Stage 1 Pass		Stage 1 Fail	
	No. Models	Percentage	No. Models	Percentage
Clothes Dryers	5	83%	1	17%
Clothes Washers	3	75%	1	25%
Air Conditioners	1	33%	2	67%
Household Refrigerator/Freezers	3	100%	0	0%
Televisions	2	67%	1	33%
Dishwashers	1	50%	1	50%
Gas Water Heaters	2	100%	0	0%
Computer Monitors	0	0%	1	100%
<b>Totals</b>	<b>17</b>	<b>71%</b>	<b>7</b>	<b>29%</b>

In accordance with the GEMS Check Testing Policy, the registrants of the six models failing the Stage (1) check test were given the choice to arrange for Stage (2) check testing or elect to cancel the registration of the models. The seventh product, the LG WTG1432WH clothes washer, failed to meet the declared water consumption requirement and was referred to the Water Efficiency Labelling and Standard Regulator for further action. For further information see [www.waterrating.gov.au/news/water-consumption](http://www.waterrating.gov.au/news/water-consumption).

The registrants of the computer monitor model and television model chose to proceed to Stage (2) check testing. The television passed Stage (2) check testing and no further action was required.

Therefore, 18 models (75%) met the relevant GEMS level requirements and energy efficiency claims of manufacturers and suppliers at the completion of Stage (1) and Stage (2) check testing. Six models (25%) did not.

Details of the 18 models that passed Stage (1) or Stage (2) check testing are included at Attachment "A".

## 5. GEMS Regulator Responses

The following registrants elected to cancel their model's registration.

Registration	Brand	Model	Date Cancelled	Registrant	Reason/s
AAC1953	Innova "2.0"	Inverter 12HP	24/07/2018	Icap Pty Ltd	Failed to meet MEPS Cooling (AEER) at rated capacity.
AAC1875	Haier	ABH140H1ERG	26/11/2018	Fisher & Paykel Appliances Ltd	Failed to meet MEPS Cooling (AEER) at rated capacity.
ACD0153	Hafele	534.94.510	27/08/2018	Hafele Australia Pty Ltd	Failed to meet Declared Annual Energy Consumption

The following action was taken with the remaining 2 models.

- The registrant of the computer monitor took immediate action and presented a solution to bring the product back into compliance which was accepted by the GEMS Regulator.
- The registrant of one dishwasher model, the Hoover DYM 862X-AUS, agreed to cease sale of the product until the correct information was displayed on the energy rating label and to provide compensation to customers who had purchased the product.

## 6. Monitoring and Enforcing Compliance

The GEMS Regulator reminds all suppliers of GEMS products of their obligations under the [GEMS Act 2012](#). The GEMS Regulator, assisted by GEMS inspectors, monitors compliance with the GEMS Act via a GEMS Compliance Monitoring program of check testing and market surveillance. Enforcement action, in accordance with the [GEMS Compliance Policy](#), may be taken by the GEMS Regulator where contraventions of the GEMS Act are found.

Further information is available at [energyrating.gov.au](http://energyrating.gov.au).



***Attachment A. The 18 models that passed Stage (1) or Stage (2) check testing.***

<b>GEMS Product</b>	<b>Brand</b>	<b>Model Number</b>
Air Conditioner	Haier	ADH160H1ERG/ 1UH160P1ERG
Clothes Dryer	Electrolux	EDV6552
Clothes Dryer	Simpson	SDV601
Clothes Dryer	Omega	OCD4W
Clothes Dryer	Beko	DV6120X
Clothes Dryer	Whirlpool	DSCR80320
Clothes Washer	Ariston	RPD1067DAUS
Clothes Washer	Germanica	GFW1000AU90
Clothes Washer	Kogan	KA75FNTLDWA
Dishwasher	Fisher & Paykel	DD60SCW9
Gas Water Heater	Vulcan	648170NO
Gas Water Heater	Rheem	347135NO
Household Refrigerator/Freezer	Lemair	LCF200
Household Refrigerator/Freezer	Sharp	SJ-XP580G-BK
Household Refrigerator/Freezer	Inalto	ISBS584X
Television	Platinum	PT3218LED
Television	Hisense	50P7
Television	Chiq	L49G5