**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.

1. **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](http://www.energyrating.gov.au/document/gems-check-testing-policy).

1. **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 |
| **Total** | **24** |

1. **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** |
| 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% |
| **Totals** | **17** | **71%** | **7** | **29%** |

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”.

1. **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.
1. **Monitoring and Enforcing Compliance**

The GEMS Regulator reminds all suppliers of GEMS products of their obligations under the [GEMS Act 2012](https://www.legislation.gov.au/Details/C2018C00454). 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](http://www.energyrating.gov.au/document/gems-compliance-policy-e3-program), may be taken by the GEMS Regulator where contraventions of the GEMS Act are found.

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

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

| **GEMS Product** | **Brand** | **Model Number** |
| --- | --- | --- |
| 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 |