**GEMS ACT COMPLIANCE:**

**CHECK TESTING RESULTS JANUARY TO JUNE 2019**

1. **Purpose**

This report presents the results of check tests on models of GEMS products finalised between 1 January 2019 and 30 June 2019.

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 January 2019 and 30 June 2019 the GEMS Regulator finalised the check tests of 51 models of the following 13 GEMS products:

|  |  |
| --- | --- |
| **GEMS Product** | **Number of Models** |
| Air Conditioners | 2 |
| Clothes Dryers | 3 |
| Clothes Washers | 4 |
| Computers | 1 |
| Dishwashers | 8 |
| Electric Motors | 10 |
| Electric Water Heaters | 4 |
| External Power Supplies | 6 |
| Gas Water Heaters | 1 |
| Incandescent Lamps | 4 |
| Refrigerators/Freezers | 4 |
| Set-top Boxes | 2 |
| Televisions | 2 |
| **Total** | **51** |

1. **Check Test Results**

Of the 51 models tested, 44 (86%) 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 (14%) did not.

The following table lists the number and percentage of models of each GEMS product passing and failing Stage 1 check testing.

|  |  |  |
| --- | --- | --- |
| **GEMS Product** | **Stage 1 Pass** | **Stage 1 Fail** |
| Air Conditioners | 1 | 50% | 1 | 50% |
| Clothes Dryers | 3 | 100% | 0 | 0% |
| Clothes Washers | 2 | 50% | 2 | 50% |
| Computers | 1 | 100% | 0 | 0% |
| Dishwashers | 7 | 88% | 1 | 12% |
| Electric Motors | 9 | 90% | 1 | 10% |
| Electric Water Heaters | 4 | 100% | 0 | 0% |
| External Power Supplies | 5 | 83% | 1 | 17% |
| Gas Water Heaters | 1 | 100% | 0 | 0% |
| Incandescent Lamps | 4 | 100% | 0 | 0% |
| Refrigerators/Freezers | 4 | 100% | 0 | 0% |
| Set-top Boxes | 2 | 100% | 0 | 0% |
| Televisions | 1 | 50% | 1 | 50% |
| **Totals** | **44** | **86%** | **7** | **14%** |

In accordance with the GEMS Check Testing Policy, the registrants of the seven models failing the Stage (1) check test were given the opportunity to respond to the results.

The registrant of one air conditioner model chose to proceed to Stage (2) check testing. The model passed the Stage (2) testing and no further action was required.

Therefore, 45 models (88%) met the relevant GEMS level requirements and energy efficiency claims of manufacturers and suppliers at the completion of GEMS Stage (1) and Stage (2) check testing. Six models (12%) did not.

Of those six models:

* the registrant of one television model, which did not meet the requirement for an on-screen warning to appear when the television was switched on in ‘store mode’, updated the model’s software.
* the registrant of one external power supply model, which did not meet the claimed high efficiency level, corrected the model’s registration and relabelled all unsold units to reflect the correct high efficiency level.
* two models; one clothes washer and one dishwasher, were referred to the Water Efficiency Labelling and Standards (WELS) Regulator for further action.
* the registrants of two models elected to cancel their model’s registrations.

Details of the 47 models that passed Stage (1) or Stage (2) check testing or worked with the GEMS Regulator to resolve the non-compliance are included at Attachment “A”.

1. **GEMS Regulator Responses**

Registrants elected to cancel the following model’s registrations:

|  |  |
| --- | --- |
| **Registration** | ACW0337 |
| **Product** | Clothes Washer |
| **Brand** | Hoover |
| **Model** | DXA385AH/1-AUS |
| **Date Cancelled** | 24/01/2019 |
| **Registrant Name** | Candy Hoover Group Srl |
| **Reason Cancelled** | Water extraction index, rinse performance, water consumption |

|  |  |
| --- | --- |
| **Registration** | AEM1661 |
| **Product** | Electric Motor |
| **Brand** | Rossi |
| **Model** | F0 132 |
| **Date Cancelled** | 03/05/2019 |
| **Registrant Name** | Rossi Gearmotors Australia Pty Ltd |
| **Reason Cancelled** | Minimum energy performance requirement at 75% and 100% load |

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 47 models that passed Stage (1) or Stage (2) check testing or worked with the GEMS Regulator to return to compliance.***

| **GEMS Product** | **Brand** | **Model Number** |
| --- | --- | --- |
| Air Conditioner | Panasonic | CS-Z12RKR/CU-Z12RKR |
| Air Conditioner | Braemar | BSHV60D1S/BCHV60D1S |
| Clothes Dryer | Seiki | SC-70AU9DRHPC |
| Clothes Dryer | Asko | T408HD.W.AU |
| Clothes Dryer | Omega | OCD7HP |
| Clothes Washer | Ariston | RPG 94 7 D AUS |
| Clothes Washer | Esatto | ETL6.1 |
| Computer | Ollee | L14HTCPW |
| Dishwasher | Dishlex | DSF6106W |
| Dishwasher | Westinghouse | WSF6606X |
| Dishwasher | Haier | HDW15G3W |
| Dishwasher | Seiki | SC-1200AU6DS |
| Dishwasher | Tsira | TDW12AX |
| Dishwasher | Domain | DW60X2 |
| Dishwasher | Centurion | DW1580S |
| Electric Motor | AEG | JL1 132S1-2 |
| Electric Motor | Baldor | 37G814S073G1 |
| Electric Motor | EMT | e-Drive Y2E180M4 |
| Electric Motor | FANTECH | Y2AE132S-6 |
| Electric Motor | GRUNDFOS | MG112MC4 |
| Electric Motor | Hitachi | TFO-HKK-7.5kW |
| Electric Motor | Lowara | PLM160RB5/3110 E3 |
| Electric Motor | Davey | 861 |
| Electric Motor | Ingersoll Rand | FF90S-4VF |
| Electric Water Heater | Thermann | 400THMB136 |
| Electric Water Heater | Vulcan | 661250G7 |
| Electric Water Heater | Rheem | 491080R7 |
| Electric Water Heater | Dux | 125T118 |
| External Power Supply | XP Power | AKM65US18 |
| External Power Supply | Asian Power Devices | WA-13B48R |
| External Power Supply | Comsol | WCS10WHT |
| External Power Supply | Mean Well | GTS18A05 |
| External Power Supply | Moshi | 99MO022146 |
| External Power Supply | Powertec | MP-3476 |
| Gas Water Heater | enerMAX | EC24eTA47N |
| Incandescent Lamp | Olsent | MR16 35W |
| Incandescent Lamp | Philips | 35W GU5.3 12V 60D |
| Incandescent Lamp | Philips | 9256933455 |
| Incandescent Lamp | OSRAM | 64544 A ECO 57W E27 |
| Refrigerator/ Freezer | Lemair | L550SXS |
| Refrigerator/ Freezer | Haier | HSBS555AS |
| Refrigerator/ Freezer | LG | GS-B680PL |
| Refrigerator/ Freezer | Chiq | CTM216W |
| Set-top Box | Teac | HDB860 |
| Set-top Box | Linden | LHDSTB17 |
| Television | Panasonic | TH-65FX800A |
| Television | Polaroid | PL6517UAD |