# Check Testing Results

# January to June 2020

## Purpose

This report presents the results of check tests on models of GEMS products finalised between 1 January 2020 and 30 June 2020.

## 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).

## GEMS Products Check Tested

Between 1 January 2020 and 30 June 2020 the GEMS Regulator finalised the check tests of 90 models of the following 12 GEMS products:

|  |  |
| --- | --- |
| **GEMS Product** | **Number of Models** |
| Air Conditioners | 4 |
| Clothes Dryers | 3 |
| Compact Fluorescent Lamps | 9 |
| Computer Monitors | 9 |
| Clothes Washers | 3 |
| Dishwashers | 3 |
| Electric Motors | 10 |
| Electric Water Heaters | 1 |
| Incandescent Lamps | 28 |
| Linear Fluorescent Lamps | 5 |
| Refrigerators/Freezers | 5 |
| Televisions | 10 |
| Total | 90 |

## Check Test Results

Of the 90 models tested, 60 (66.6%) met the relevant determination’s GEMS level requirements and the energy efficiency claims of manufacturers and suppliers at the completion of Stage (1) or Stage (2) check testing. Thirty models (33.4%) did not.

Details of the 60 models that passed Stage (1) check testing are included at Attachment “A”.

## GEMS Regulator Responses

Of the 30 models that did not meet one or more of the requirements of the relevant GEMS determination at the completion of Stage (1) or Stage (2) check testing, at the request of the registrant, the GEMS Regulator cancelled the following registrations:

| Registration | AAC2539 |
| --- | --- |
| Product | Air conditioner |
| Brand | Heller |
| Model | HAC26I |
| Date Cancelled | 02/03/2020 |
| Registrant Name | GAF Control Australia Pty Ltd |
| Reason Cancelled | MEPS (ACOP) Heating at Rated Capacity; Effective Power Input (Heating); COP and ACOP |

| Registration | ADW0641 |
| --- | --- |
| Product | Dishwasher |
| Brand | Smeg |
| Model | DWAI6315XT2 (includes family DWAFI6315T2 and DWAI6315XT2) |
| Date Cancelled | 13/05/2020 |
| Registrant Name | Smeg Australia Pty Ltd |
| Reason Cancelled | Washing Index |

| Registration | AHW0272 |
| --- | --- |
| Product | Electric storage water heater |
| Brand | Bosch |
| Model | 7716500243 |
| Date Cancelled | 24/02/2020 |
| Registrant Name | Robert Bosch Ltd |
| Reason Cancelled | MEPS (Maximum Allowable Heat Loss) |

| Registration | ARF1195 |
| --- | --- |
| Product | Refrigerator/ freezer |
| Brand | Beko |
| Model | BFR630DB (includes family BFR630DB and BFR630DX) |
| Date Cancelled | 10/03/2020 |
| Registrant Name | Beko A and NZ Pty Ltd |
| Reason Cancelled | Pull Down Test (fresh food compartment) |

| Registration | ARF1432 |
| --- | --- |
| Product | Refrigerator/ freezer |
| Brand | Smeg |
| Model | FQ60XPA-1 |
| Date Cancelled | 13/05/2020 |
| Registrant Name | Smeg Australia Pty Ltd |
| Reason Cancelled | Pull Down Test (fresh food compartment) |

| Registration | AIN0228 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Coles |
| Model Family | HPGLS-42 (includes HPGLSBC-42 and HPGLSES-42) |
| Date Cancelled | 05/02/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0230 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Coles |
| Model Family | HGLS-72 (includes HGLSBC-72 and HGLSES-72) |
| Date Cancelled | 05/02/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0223 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Coles |
| Model Family | HGLS-53 (includes HGLSBC-53 and HGLSES-53) |
| Date Cancelled | 05/02/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0195 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Olsent |
| Model Family | A55 42W (includes A55 42W E29 Clear and A55 42W B22 Clear) |
| Date Cancelled | 18/05/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0196 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Olsent |
| Model Family | A55 53W (includes A55 53W E27 Clear and A55 53W B22 Clear) |
| Date Cancelled | 18/05/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0147 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Mirabella |
| Model | HGLSBC-42 Clear (and HGLSES-42 Clear) |
| Date Cancelled | 28/05/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0155 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Mirabella |
| Model Family | HFRXXX-28 Clear (includes HFRES-28 Clear, HFRSBC-28 CLEAR, HFRBC-28 CLEAR and HFRSES-28 CLEAR) |
| Date Cancelled | 05/02/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0173 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Mirabella |
| Model Family | HPCDL-28 (includes HPCDLSBC-28, HPCDLSES-28, HPCDLBC-28 and HPCDLES-28) |
| Date Cancelled | 16/06/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0217 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Coles |
| Model Family | HGLS-42 (includes HGLSBC-42 and HGLSES-42) |
| Date Cancelled | 05/02/2020 |
| Registrant Name | Mirabella International Pty Ltd |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0235 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Nelson |
| Model Family | E-Halogen (includes MNGLS42ESC, MNGLS42BCC and MNGLS42BCC4P) |
| Date Cancelled | 16/06/2020 |
| Registrant Name | Legrand Australia |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0238 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Nelson |
| Model | E-Halogen (includes MNGLS52BCC and MNGLS52ESC) |
| Date Cancelled | 16/06/2020 |
| Registrant Name | Legrand Australia |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

| Registration | AIN0239 |
| --- | --- |
| Product | Incandescent Lamp |
| Brand | Nelson |
| Model | E-Halogen (includes MNGLS70BCC, MNGLS70BCC4P and MNGLS70ESC) |
| Date Cancelled | 16/06/2020 |
| Registrant Name | Legrand Australia |
| Reason Cancelled | Median Life; Average Lamp Lifetime |

1. For 12 incandescent lamp models the registrants advised the models were discontinued and no stock was available for further testing. The GEMS Regulator will monitor the market to ensure there is no supply occurring.
2. For one television the registrant amended the model’s registration to ensure the correct home viewing mode was recorded.

## 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 60 models that passed Stage (1) or Stage (2) check testing

| GEMS Product | Brand | Model Number |
| --- | --- | --- |
| Air conditioner | TCL | TAC-12CHSA/KCIFO |
| Air conditioner | Haier | ABH125K5ERG/ 1UH125P1ERG |
| Air conditioner | Haier | ABH105K5ERG / 1UH105P1ER |
| Clothes dryer | Fisher & Paykel | DH9060C1 |
| Clothes dryer | Miele | TCR870 WP |
| Clothes dryer | Hisense | HDHA80 |
| Clothes washer | Simpson | SWT6055TMWA |
| Clothes washer | AEG | L8WEC166R |
| Compact fluorescent lamp | Philips | Tornado 12W 700L 6500K B22 CDL |
| Compact fluorescent lamp | Philips | Tornado 12W 740L 2700K B22 WW |
| Compact fluorescent lamp | Philips | Tornado 20W 1200L 6500K B22 CDL |
| Compact fluorescent lamp | Philips | Tornado 20W 1250L 2700K B22 WW |
| Compact fluorescent lamp | Philips | Tornado 24W 1550L 2700K B22 WW |
| Compact fluorescent lamp | Philips | Tornado 24W 1450L 6500K B22 CDL |
| Compact fluorescent lamp | OSRAM | Duluxstar Mini Twist 15W 900L |
| Compact fluorescent lamp | Philips | Tornado 15W 900L E27 CDL |
| Compact fluorescent lamp | Philips | Tornado 15W 950L 2700K E27 WW |
| Computer monitor | MSI | 3CA5 |
| Computer monitor | Asus | VL279HE |
| Computer monitor | Dell | P2319H |
| Computer monitor | HP | P22h G4 Monitor |
| Computer monitor | Gigabyte | Aorus CV27Q |
| Computer monitor | Philips | 272M8C |
| Computer monitor | Acer | V226HQL |
| Computer monitor | GAEMS | G170FHD |
| Computer monitor | Samsung | LC27R500FHEXXY |
| Dishwasher | Miele | G 6620 SC |
| Dishwasher | Kogan | KAGDWS14CTA |
| Electric motor | Davey Water Products | 865 |
| Electric motor | ABM | 4 DF 100 Lb - 2LK |
| Electric motor | HBMotor | 15kW F2-160L-2 |
| Electric motor | Hydro Connect | HC-EGBP5022 |
| Electric motor | JIN SHIN | 5HP 4P 415/50 |
| Electric motor | Kuo-Shuay | AEHH-90L2-2 |
| Electric motor | Lafert S.p.A. | AMPE 132M ZA2 IMB5 300 |
| Electric motor | SANWEI | Y2132S2-2 |
| Electric motor | S&L | YE2-132S2-2 |
| Electric motor | Sumitomo | VA-132M |
| Incandescent lamp | OSRAM | 64542 (Osram Halogen 30W 240V 405L BC 2000Hrs 2700K) |
| Incandescent lamp | OSRAM | 64547 (Osram Halogen 77W 240V 1320L BC Frosted 2000Hrs 2800K) |
| Incandescent lamp | CLA | CLAHASP53WESFR 53W 780L 2800K E27 FR |
| Incandescent lamp | CLA | CLAHASP53WESCL 53W 780L 2800K E27 CL |
| Linear fluorescent lamp | Philips | Master TL5 HO 54W/830 SLV/40 |
| Linear fluorescent lamp | Sylvania | SYL FHE21W/865 |
| Linear fluorescent lamp | Sylvania | SYL FHE21W/840 |
| Linear fluorescent lamp | Sylvania | SYL FHE21W/835 |
| Linear fluorescent lamp | Sylvania | SYL FHE21W/830 |
| Refrigerator/ freezer | Ikea | HD-520FWEN |
| Refrigerator/ freezer | Hisense | HR6VFF280D |
| Refrigerator/ freezer | Haier | HCF101 |
| Television | Devanti | STV-HD-32-BK |
| Television | DGTEC | DG5520UHDS |
| Television | Teco | LED32IHRDH |
| Television | Wintal | 15LED17HD |
| Television | Furrion | FEHD24S3D |
| Television | KickAss | KATV12V24 |
| Television | Kogan | KALED32EH6200DZA |
| Television | Aiwa | AW650U |
| Television | LinkVue | LV32WFHD04 |

\*One clothes washer passed Stage 1, however was unregistered against the Determination and has been excluded from the list as the product is no longer in supply.