



# 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](#).

### 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

Registration	AIN0228
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

Registration	AIN0196
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, HPCDLSSES-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](#). 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 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



GEMS Product	Brand	Model Number
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

GEMS Product	Brand	Model Number
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.