**GEMS ACT COMPLIANCE:**

**CHECK TESTING RESULTS**

**MAINS VOLTAGE HALOGEN NON-REFLECTOR LAMPS**

1. **The Results**

As part of the GEMS Compliance Monitoring Program, the GEMS Regulator conducted Stage (1) check tests on models of mains voltage halogen non-reflector lamps covered by, at that time, the [GEMS (Incandescent Lamps for General Lighting Services) Determination 2012](https://www.comlaw.gov.au/Details/F2012L02122) (Determination).

The results revealed that although all models met the initial efficacy requirement, 10 out of 11 models failed to meet the minimum 2,000 hour lifetime requirement.

Of those 10 models:

* lifetime ranged from 557 hours to 1,928 hours.
* the average lifetime was 1,240 hours.

The model meeting requirements recorded 2,000 lifetime hours.

1. **GEMS Regulator Response**

In accordance with the [GEMS Check Testing Policy](http://www.energyrating.gov.au/document/gems-check-testing-policy), registrants failing to meet any requirements of the Determination after a Stage (1) check test are given the opportunity to provide information for the GEMS Regulator to consider in deciding whether or not to issue a notice under Section 61 of the GEMS Act. A Section 61 GEMS Act notice requires the registrant either elect to cancel the model’s registration or arrange for Stage (2) check testing of the model at the registrant’s expense.

1. **Outcomes**

This process is ongoing, however, thus far, the registrants of 4 models elected to cancel registrations, with three now cancelled by the GEMS Regulator and one pending formalisation. The registrants of the remaining models are in discussion with the GEMS Regulator.

* 1. **Cancelled Registrations**

The GEMS Regulator has cancelled the registrations of the following models:

* Registration NIN0010

Brand Osram

Model 64543 A ECO 42W 240V B22D

Cancelled 22 September 2015

* Registration AIN0071

Brand Osram

Model 64544 Classic A Frosted 53W

Cancelled 22 September 2015

* Registration QIN0016

Brand GE

Model 100w Halo GLS Clear B22

Cancelled 12 November 2015

* 1. **Further, Targeted Check Testing**

Given that 10 out of 11 models failed to meet the minimum 2,000 hour lifetime requirement, the GEMS Regulator is concerned that a similarly high percentage of models still in the market, and yet to be check tested, would also fail to meet this requirement.

Therefore, as part of the 2015/2016 GEMS Compliance Monitoring Program, the GEMS Regulator is conducting check tests on a further selection of models of mains voltage halogen non-reflector lamps, including other models of brands already check tested, with a focus on the minimum 2,000 hour lifetime requirement.

1. **Further Information**

Further information regarding compliance with the GEMS Act is available [here](http://www.energyrating.gov.au/suppliers/compliance) or by emailing E3.Compliance@industry.gov.au.