



# ELECTRICAL EQUIPMENT SAFETY SYSTEM (EESS)

## Re: Light emitting semiconductor (LED) lamp [self-ballasted]

We understand that your business or your clients may supply this type of equipment. This notice contains vital information that the regulatory requirements of Light emitting semiconductor (LED) lamp [self-ballasted] have changed and may result in the need for you to take further action.

From 30 June 2018, Light emitting semiconductor (LED) lamp [self-ballasted] will be re-classified, moving from “In-Scope” electrical equipment risk level 1 to level 3 under the [Electrical Equipment Safety System \(EESS\)](#) in participating jurisdictions.

The following table shows the basic requirements that are applicable.

Product type	Prior 30 June 2018	<b>From 30 June 2018</b>
	In-Scope Level 1	<b>In-Scope Level 3</b>
<u>Light emitting semiconductor (LED) lamp [self-ballasted]</u>	<ul style="list-style-type: none"><li>• The product type and brand must be linked to the registered responsible supplier in the EESS national database; and</li><li>• be marked with the Regulatory Compliance Mark (RCM).</li></ul>	<ul style="list-style-type: none"><li>• The product must have a valid <a href="#">Certificate of Conformity</a> showing the product complies with the relevant Australian Standard AS/NZS 62560:2017; and</li><li>• The brand <b>and model/s</b> must be registered to the responsible supplier in the EESS national database; and</li><li>• be marked with the Regulatory Compliance Mark (RCM).</li></ul>

To further clarify these requirements, please find enclosed for your convenience a frequently asked questions (FAQ) notice which may be of assistance.

Should you require further information relating to the certification and registration process, please email your enquiry to [EESSAdmin@oir.qld.gov.au](mailto:EESSAdmin@oir.qld.gov.au).

Yours sincerely,

EESS Admin  
Electrical Safety Office, Queensland



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## FAQs on the change to light emitting semiconductor (LED) lamp [self-ballasted]

### 1. Does this apply to you?

If the Light emitting semiconductor (LED) lamp [self-ballasted] you sell fits within the definition below, then you need to take action as outlined herein:

#### Regulatory definition of light emitting semiconductor (LED) lamp [self-ballasted]

The standard AS/NZS 4417.2 defines *light emitting semiconductor lamp (self-ballasted)* under section B.2.65 as:

#### ***Light emitting semiconductor lamp (self-ballasted)***

*Is an appliance that—*

- (a) incorporates a light emitting semiconductor light source; and*
- (b) has any additional elements necessary for stable operation of the light source incorporated within the lamp body and permanently connected to the light source; and*
- (c) has a rated voltage greater than 50 V and up to and including 250 V; and*
- (d) is intended for connection to supply via means of lamp cap for insertion into a lampholder.*

***but does not include—***

- (e) a double capped light emitting semiconductor lamp.*

#### **Class specification:**

AS/NZS IEC 62560\*

**\*NOTE:** The current version of the “Class specification” standard is AS/NZS 62560:2017, published 14<sup>th</sup> March 2017. This standard superseded AS/NZS IEC 62560:2014 on the 14<sup>th</sup> March 2018. New products being certified must be tested to AS/NZS 62560:2017.



### 2. Are you the Responsible Supplier of electrical equipment in Australia or New Zealand?

A responsible supplier in the Electrical Equipment Safety System (EESS) is an Australian or New Zealand importer or on-shore manufacturer of In-Scope electrical equipment.

If you are the importer or on-shore manufacturer of the In-Scope electrical equipment, you are required to ensure that the:-

#### Level 3 in-scope electrical equipment:

- is electrically safe and meets the relevant standard; and
- is marked with the Regulatory Compliance Mark (RCM) in accordance with the requirements under AS/NZS 4417.1; and
- has a valid Australian or New Zealand issued Certificate of Conformity; and



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- you are registered in the national EESS database as a Responsible supplier; and
- level 3 electrical equipment you are manufacturing or importing is registered and linked to you.

## Level 2 In-scope electrical equipment:

- is electrically safe and meets the [relevant standard](#); and
- is marked with the Regulatory Compliance Mark (RCM) in accordance with the requirements under AS/NZS 4417.1; and
- a [compliance folder](#) must be kept and made available, upon request, within 10 days; and
- you are registered in the national EESS database as a responsible supplier; and
- level 2 electrical equipment you are manufacturing or importing is registered and linked to you.

## Level 1 In-scope electrical equipment:

- is electrically safe and meets the [relevant standard](#); and
- is marked with the Regulatory Compliance Mark (RCM) in accordance with the requirements under AS/NZS 4417.1; and
- documentary evidence, in English, must be kept to show that the item meets the relevant standard at the time the item was either manufactured or imported;<sup>1</sup> and
- you are registered in the national EESS database as a Responsible Supplier;
- you may optionally register level 1 electrical equipment in the national EESS database.

For more information on how to register as responsible supplier and link products to you, please refer to the [EESS Applicant's Guide](#).

### **3. What is the RCM mark?**



**Regulatory Compliance Mark (RCM) to be used in accordance with the requirements under AS/NZS 4417.1**

Responsible Suppliers are given a copy of AS/NZS 4417.1 when they register on the [National Database](#) as it includes the correct specification and proportions of the RCM.

### **4. Are you a wholesaler/retailer of electrical equipment?**

If you are a wholesaler/retailer of In-Scope electrical equipment, but not the importer or on-shore manufacturer, the following applies:

- you must not sell the electrical equipment unless it is marked with the Regulatory Compliance Mark (RCM);<sup>2</sup> and
- you must verify with your supplier that the electrical equipment has been sourced from the registered responsible supplier of that equipment.

### **5. Need a valid Certificate of Conformity?**

A [Certificate of Conformity](#) is issued by either a state electrical safety regulator or an independent certifier which is accredited under the Queensland Recognised External Certificate Scheme (RECS).<sup>3</sup>

Queensland RECS accredited certifiers are:

- Certification Body Australia (CBA)
- EESS Conformity Certification Services

<sup>1</sup> This evidence must be kept by the responsible supplier for a period of five (5) years from the day the item is last manufactured or imported by the responsible supplier.

<sup>2</sup> If the electrical equipment is not marked with the RCM, the responsible supplier will need to have formal approval from the regulator to use an alternate mark.

<sup>3</sup> Certificates issued under New South Wales, Fair Trading, Recognised External Approval Schemes (REAS) are recognised in Queensland for New South Wales declared articles.



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- Global-Mark Pty Ltd
- UL International New Zealand Limited
- SAA Approvals Pty Ltd

## **6. If the product already has a valid certificate showing compliance with AS/NZS IEC 62560:2014 as the test standard, can this certificate be used as Certificate of Conformity and remain valid after 30 June 2018?**

- a) Yes, current certificates issued by a regulator or QLD RECS to the 2014 edition will remain valid until the expiry date of the certificate. After the expiry date the certificate must be renewed to the latest version of the standard.
- b) Certificates to 2014 edition issued by a regulator or QLD RECS prior to 15 March 2018 can be used for registration purposes in the EESS database.

## **7. What are the requirements for existing stock already at the point of sale (i.e. retail or wholesaler)?**

- a) In the EESS, existing stock already in the market prior to 30<sup>th</sup> June 2018 does not need to meet requirement of being certified or registered. Prior to 30<sup>th</sup> June 2018 the equipment is level 1, and for level 1 the product type and brand may be linked<sup>^</sup> to the registered responsible supplier in the EESS national database and be marked with the Regulatory Compliance Mark (RCM).
- b) New product imported by a responsible supplier after 30<sup>th</sup> June 2018 is required to have a valid Certificate of Conformity showing compliance AS/NZS 62560:2017. The brand and model/s must be registered to the responsible supplier in the EESS national database and be marked with the Regulatory Compliance Mark (RCM).

<sup>^</sup>See the Registration Applicant's Guide, section 2.1 Level 1 Equipment for detail on how to link.

## **8. I have a test report to the AS/NZS IEC 62560:2014 edition, but no certificate issued by a regulator or a Queensland RECS, what can I do?**

If you have an accredited test report to AS/NZS IEC 62560:2014 but do not have a certificate issued by a regulator or a Queensland RECS, and you want to import more Light emitting semiconductor (LED) lamp [self-ballasted] equipment, you will need to obtain 'top up' tests to the AS/NZS 62560:2017 standard and then obtain a certificate of conformity from a regulator or a Queensland RECS to be used for registration purposes in the EESS database.

## **9. Need help?**

For further information in meeting the requirements of the Electrical Equipment Safety System, review the information under the EESS tab on the ERAC website – [www.erac.gov.au](http://www.erac.gov.au) or call the EESS information line on 1300 362 128.