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**GOVERNMENT NOTICE**  
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**DEPARTMENT OF TRADE AND INDUSTRY**  
**DEPARTEMENT VAN HANDEL EN NYWERHEID**

No. R. 348

7 May 2010

**NATIONAL REGULATOR FOR COMPULSORY SPECIFICATIONS ACT**  
**(Act 5 of 2008)**

**INTRODUCTION OF A COMPULSORY SPECIFICATION FOR**  
**COMPACT FLUORESCENT LAMPS (CFL's) (VC 9091)**

I, Dr Rob Davies, the Minister of Trade and Industry, hereby under section 13 (1) (a) of the National Regulator for Compulsory Specifications Act, (Act 5 of 2008), and on the recommendation of the NRCS Board, declare the specification as set out in the Schedule, to be a compulsory specification for *Compact Fluorescent Lamps* (CFL's), with effect from the date two months after publication of this notice.



**Dr Rob Davies, MP**

**Minister of Trade and Industry.**

**SCHEDULE****VC 9091****COMPULSORY SPECIFICATION FOR SINGLE-CAPPED FLUORESCENT LAMPS, CFL's.****1 SCOPE**

This compulsory specification covers the energy efficiency, safety, performance and interchangeability requirements of single-capped tubular fluorescent lamps and other discharge lamps with integrated means for controlling starting and stable operation (self-ballasted lamps), intended for general lighting purposes that have

- A rated wattage up to 60 W;
- A rated voltage of 100 to 250 V a.c.; and
- 2G7, 2GX7, GR8, 2G10, G10q, GR10q, GX10q, GY10q, 2G11, G23, GX23, G24, GX24, GX32, and Edison screw or bayonet caps.

**2 DEFINITIONS**

For the purpose of this compulsory specification, the following definitions apply:

- 2.1 Single-capped fluorescent lamps: The definition in SANS 60968 *Self-ballasted lamps for general lighting purposes* shall apply.
- 2.2 Applicant: The manufacturer or importer seeking approval of Single-capped fluorescent lamps. The applicant shall be an existing legal entity within the Republic of South Africa.
- 2.3 Regulator: The body appointed by the Minister to administer compulsory specifications.
- 2.4 Proof of conformity: Documented evidence of conformity with the requirements of this compulsory specification.

- 2.5 Conformity of production: Proof that Single-capped fluorescent lamps have been manufactured to the approved design and continue to comply with the requirements of this compulsory specification.
- 2.6 Valid certificate of conformity: A copy of an original certificate of conformity.
- 2.7 Valid test report: A copy of an original test report
- 2.8 Valid declaration report: a copy of the original report, that is issued by an accredited conformity assessment body, indicating the equivalence of products and/or standards

### **3 REQUIREMENTS**

- 3.1 Single-capped fluorescent lamps for general use when supplied by single phase mains current without an isolating transformer shall be rated at the national standard low voltage, i.e. 230V a.c. single phase, 50Hz, or shall have a rated voltage range that includes 230V a.c., and be capable of operating safely within the range  $\pm 10\%$  of the standard voltage.
- 3.2 Single-capped fluorescent lamps shall comply with the safety requirements of SANS 61199, Single -capped fluorescent lamps - Safety specifications or SANS 60968, Self-ballasted lamps for general lighting services - Safety requirements, and with the requirements for efficiency of lamps given in Annex AA of SANS 60901, Single-capped fluorescent lamps - Performance specifications, or Annex AA of SANS 60969, Self-ballasted lamps for general lighting services - Performance requirements.
- 3.3 The manufacturer or importer shall apply to the Regulator for approval of every type and model of single-capped fluorescent lamp before offering it for sale, in accordance with the requirements of Annex A.
- 3.4 The manufacturer and/or importer shall inform the Regulator of any change in design or components affecting any mandatory requirement in terms of this compulsory specification. In the event of such change/s

the Regulator may, at its discretion, demand the submission of fresh evidence of conformity or a new application for approval.

- 3.5 The manufacturer and/or importer shall on request provide the Regulator within 5 working days with satisfactory proof of approval in respect of any single-capped fluorescent lamps included in the scope of this compulsory specification.
- 3.6 The manufacturer and/or importer shall on request provide the Regulator within 5 working days with satisfactory proof of ongoing conformity with the requirements of clauses 6.2, 6.3 and 6.4 of this compulsory specification.
- 3.7 Failure to provide such proof shall constitute reasonable grounds for suspicion of non-compliance with the requirements of this compulsory specification.

#### **4 EQUIVALENCE OF STANDARDS**

Standards issued by different standardization bodies such as ISO, IEC and EN, will only be accepted if it is proven, in the form of a declaration report from an accredited conformity assessment body, to be technically equivalent to the relevant South African National Standard. The applicant shall be responsible for obtaining such a declaration report. Proof of conformity with such a standard shall be accepted as conformity with the corresponding South African National Standard.

#### **5 CONFORMITY TO REFERRED STANDARDS**

- 5.1 For the purposes of this compulsory specification, a new edition of a referred standard shall become effective 6 months from the date of publication as a South African National Standard.
- 5.2 New products, or products resubmitted for approval because of a change in design or materials shall in all cases be evaluated against the requirements of the latest edition of any referenced standard.

- 5.3 When a new edition of a referred to standard is published, approvals of products in accordance with the previous edition of that standard shall remain valid for five years unless decided otherwise by the Minister.

## **6 EVIDENCE OF CONFORMITY**

The following forms of evidence shall be submitted to the Regulator as proof of conformity with the requirements of this compulsory specification:

- 6.1 Test reports and certificates where required shall be in IEC format or any equivalent format acceptable to the Regulator and issued by an appropriately accredited and internationally recognized body being a member of an IAF/ILAC mutual recognition scheme.
- 6.2 The manufacturer shall appoint a conformity assessment body recognized by the Regulator and accredited by an internationally recognized body being a member of an IAF/ILAC mutual recognition scheme, to certify the conformity of single-capped fluorescent lamps with all the requirements of this compulsory specification.
- 6.3 The certification scheme shall meet all requirements of ISO Guide 67 for a System 5 product certification scheme.
- 6.4 The certification scheme shall not permit any deviation from the compulsory requirements.
- 6.5 The manufacturer and certification body shall immediately inform the Regulator of any deviation from the mandatory requirements.
- 6.6 In the event that non-conforming products are discovered the manufacturer and/or importer shall immediately recall them and inform the Regulator accordingly.
- 6.7 Evidence of conformity shall be traceable to the specific model and type of single-capped fluorescent lamp in question.

## **ANNEX A**

### **APPROVAL OF SINGLE CAPPED FLUORESCENT LAMPS**

#### **1 APPLICATION FOR APPROVAL**

An application for approval of each type of single capped fluorescent lamp shall include:

- 1.1** Details of the type and model of each type of single capped fluorescent lamp for which approval is sought and the standard/s to which it is claimed to conform;
- 1.2** Details of the manufacturing plant/s in which the single capped fluorescent lamp is produced;
- 1.3** Proof of conformity, with all the requirements of the relevant compulsory specification, issued less than 36 months before the date of submission to the Regulator;
- 1.4** Identification markings and other information appearing on the product;
- 1.5** Any reasonable additional information as may be requested by the Regulator.

#### **2 APPROVAL**

**2.1** The Regulator shall assess the application, and shall decide to grant approval or not, at its sole discretion.

**2.2** The Regulator shall assign a unique number to each approval.

**2.3** The Regulator shall issue an approval for each successful application, to the applicant, when all the requirements have been met.

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