

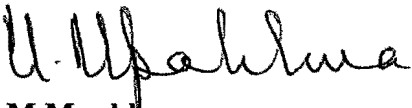
No. R. 1396

24 December 2008

**STANDARDS ACT, 1993****PROPOSED INTRODUCTION OF A COMPULSORY SPECIFICATION FOR SINGLE –  
CAPPED FLUORESCENT LAMPS**

It is hereby made known under section 22(1)(a)(i) of the Standards Act, (Act No. 29 of 1993), that the Minister of Trade and Industry, on the recommendation of the Council of the SABS, intends to introduce a compulsory specification for *Single-Capped Fluorescent Lamps*, as set out in the attached Schedule.

Any person who wishes to object to the intention of the Minister to thus introduce the compulsory specification concerned shall lodge their objection in writing with the President, South African Bureau of Standards, Private Bag X191, Pretoria, 0001, on or before the date two (2) months after publication of this notice.



**M Mpahlwa**  
**Minister of Trade and Industry**

## SCHEDULE

### PROPOSED COMPULSORY SPECIFICATION FOR SINGLE-CAPPED FLUORESCENT LAMPS

#### 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 and GX32 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 established legal entity within the Republic of South Africa.
- 2.3 Regulator: The body appointed by the Minister of Trade and Industries 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: Authentic copy of an original certificate of conformity issued within 12 months prior to date of submission to the Regulator.

2.7 Valid test certificate: Authentic copy of an original test certificate issued within 36 months prior to date of submission to the Regulator.

2.8 Minister: The Minister of Trade and Industry.

### 3 REQUIREMENTS

3.1 Single-capped fluorescent lamps for general use when supplied by single phase mains current without 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 60968 (IEC 60968) *Self-ballasted lamps for general lighting purposes*.

3.3 In addition to the safety requirements, single-capped fluorescent lamps shall comply with the requirements of Annex AA of SANS 60901 (IEC 60901 with a National Amendment) *Single-capped fluorescent lamps – Performance specifications*.

3.4 The manufacturer or importer shall apply to the Regulator for approval of every type and model of single-capped fluorescent lamps before offering it for sale, in accordance with the requirements of Annexure A.

3.5 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.

3.6 The manufacturer and/or importer shall on request provide the Regulator within 2 working days with satisfactory proof of approval in respect of any single-capped fluorescent lamps included in the scope of this compulsory specification.

3.7 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 this compulsory specification.

3.8 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 (for example, ISO, IEC, EN) that can be proved technically identical to a SA National Standard are deemed the equivalent of that SA National Standard. Proof of conformity with such a standard shall be accepted as conformity with the corresponding SA National Standard.

#### **5 CONFORMITY WITH STANDARDS REFERRED TO BY EDITION AND DATE OF PUBLICATION**

5.1 For purposes of this compulsory specification a new edition of a standard shall become effective on the effective date of that edition of the 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.

#### **6 ASSESSMENT OF CONFORMITY**

- 6.1 Test reports and/or certificates where required shall be in IEC format and issued by a test laboratory recognized by the Regulator that is appropriately accredited by an internationally recognized body being a member of an ILAC mutual recognition scheme.
- 6.2 The Regulator shall, at its discretion, accept test reports issued up to 36 months prior to the date of submission.
- 6.3 The manufacturer shall appoint a conformity assessment body recognized by the Regulator and accredited by an internationally recognized body being a member of an ILAC mutual recognition scheme, to certify the conformity of single-capped fluorescent lamps with all the requirements of this compulsory specification.
- 6.4 The certification scheme shall meet all requirements of ISO Guide 67 for a Type 5 product certification scheme.
- 6.5 The certification scheme shall not permit any deviation from the compulsory requirements.
- 6.6 The manufacturer and certification body shall immediately inform the Regulator of any deviation from the mandatory requirements.
- 6.7 In the event that non-conforming products are discovered the manufacturer and/or importer shall immediately recall them and inform the Regulator accordingly.
- 6.8 Evidence of conformity shall be traceable to the specific model and type of single-capped fluorescent lamp in question.

**ANNEXURE A****APPROVAL OF SINGLE-CAPPED FLUORESCENT LAMPS****1 APPLICATION FOR APPROVAL**

**1.1** An application for approval of each type of single-capped fluorescent lamps that it intends to sell shall include:

**1.1.1** Details of the type and model of single-capped fluorescent lamps for which approval is sought and the standard/s to which it is claimed to conform;

**1.1.2** Details of the manufacturing plant/s in which the single-capped fluorescent lamps is produced.

**1.1.3** Complete authentic test reports and/or certificates in IEC format proving conformity with all the requirements of the relevant compulsory specification including standards and test methods referred to;

**1.1.4** Markings and other information appearing on the product;

**1.1.5** Samples of the product and its packaging;

**1.1.6** Any reasonable additional information requested by the Regulator.

**2 APPROVAL**

**2.1** The Regulator shall assess the evidence of conformity supplied by the applicant. Additional information or evidence may be requested, or validation of evidence, at its sole discretion.

**2.2** The Regulator shall approve the single-capped fluorescent lamps when all the requirements have been met to its satisfaction.

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