

**DEPARTMENT OF TRADE AND INDUSTRY**

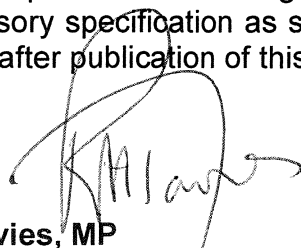
**No. R. 379**

**23 May 2014**

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

**AMENDMENT OF THE COMPULSORY SPECIFICATION FOR SINGLE-  
CAPPED FLUORESCENT LAMPS (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, withdraw the current compulsory specification for single-capped fluorescent lamps and replace it with the compulsory specification as set out in the attached schedule, with effect two (2) months after publication of this notice.



**Dr Rob Davies, MP  
Minister of Trade and Industry**

## SCHEDULE

### AMENDED COMPULSORY SPECIFICATION FOR SINGLE-CAPPED FLUORESCENT LAMPS (VC 9091)

#### 1 Scope

1.1 This compulsory specification covers the safety, efficacy performance, life and interchangeability requirements for single-capped tubular fluorescent lamps with integrated means for controlling starting and stable operation (self-ballasted lamps) and non-self-ballasted single-capped tubular fluorescent lamps, intended for general lighting purposes that have:

- a rated wattage up to 60W
- a rated voltage of 100 to 250 V a.c.; and
- 2G7, 2GX7, GR8, 2G10, G10q, GR10q, GX10q, GY10q, 2G11, 2GX11, GR14q, G23, GX23, G24, GX24, GX24q, G24d, GX32, and Edison screw or Bayonet caps.

1.2 The following lamps intended for general lighting purposes are excluded from the lamp efficacy requirement in ANNEX AA of SANS 60969:

- Coloured lamps; and
- Reflector lamps

## 2 DEFINITIONS

- 2.1 For the purpose of this compulsory specification the definitions in SANS 60968: *Self-ballasted lamps for general lighting purposes*, shall apply.
- 2.2 In addition the following definitions shall apply:
- 2.2.1 **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.
- 2.2.2 **Approval:** confirmation by the NRCS that a particular single-capped fluorescent lamp type satisfies the requirements of this compulsory specification.
- 2.2.3 **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.
- 2.2.4 **Proof of conformity:** documented evidence of conformity with the requirements of this compulsory specification.
- 2.2.5 **NRCS:** the National Regulator for Compulsory Specifications as established by the National Regulator for Compulsory Specifications Act, 2008 (Act No. 5 of 2008).
- 2.2.6 **Valid certificate of conformity:** a copy of an original certificate of conformity.
- 2.2.7 **Valid test report:** a copy of an original test report.

### 3 REQUIREMENTS

- 3.1 Single-capped (self-ballasted) fluorescent lamps for general use when supplied by single phase mains current, shall be rated at the national standard low voltage, i.e. 230 V a.c. single phase, 50 Hz, or shall have a rated voltage range that includes 230 V a.c.
- 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 NRCS 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 NRCS of any change in design or components affecting any mandatory requirement the NRCS 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 NRCS within five (5) working days with satisfactory proof of conformity 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 NRCS within five (5) working days with satisfactory proof of production with requirement 6 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 REFERENCED STANDARDS**

- 5.1 For the purposes of this compulsory specification, a new edition of a referenced standard shall become effective six (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 referenced 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 NRCS as proof of conformity with the requirements of this compulsory specification:

- 6.1 Valid test reports and valid certificate of conformity (where applicable) shall be in IEC format or any equivalent format acceptable to the NRCS 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 product certification body recognized by the NRCS and that is accredited, or otherwise accepted, by an internationally recognized body being a member of an IAF/ILAC/IECEE mutual recognition scheme, to certify the conformity of the single-capped fluorescent lamps with all the requirements of this compulsory specification.
- 6.3 The certification system administered by the product certification body in 6.2 shall include testing of the products and assessment of the quality system of the manufacturer. Surveillance of the quality system shall be conducted and samples of single-capped fluorescent lamps of each type intended to comply with the requirements of this compulsory specification, shall be taken from the point of production and shall be assessed for on-going conformity.

### **The certification system shall include the following:**

- a) samples from the point of production requested by the certification body;
- b) determination of the characteristics of the samples by testing;
- c) initial assessment of the production process and quality system;
- d) evaluation of the test reports;
- e) decision on certification of the manufacturer;
- f) granting certification to the manufacturer;
- g) surveillance of the production process and quality system, and
- h) surveillance by testing of samples from the factory or the market.

A system 5 product certification contemplated in ISO/IEC Guide 67, *Conformity assessment-Fundamentals of product certification*, which covers the above mentioned certification system, shall be deemed to comply with this requirement.

- 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 NRCS 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 NRCS 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

#### A.1 APPLICATION FOR APPROVAL

An application for approval of each type of single-capped fluorescent lamp (see definition 2.1) shall include:

- A.1.1 Details of each type of single-capped fluorescent lamp for which approval is sought and the standard(s) to which it is claimed to conform;
- A.1.2 Details of the manufacturing plant(s) in which the single-capped fluorescent lamps are produced;
- A.1.3 For new applications, proof of conformity, with all the requirements of the relevant compulsory specification, issued less than 36 months before the date of submission to the NRCS. The proof of conformity shall include the following:
  - a) A full valid test report confirming compliance with SANS/IEC 60968 and to Annex AA of SANS 60969 for the type of single-capped fluorescent lamps for which approval is sought, or a full valid test report confirming compliance with SANS/IEC 61199 and to Annex AA of SANS 60901 for the type of single-capped fluorescent lamps for which approval is sought.
  - b) A product certificate issued by a competent body contemplated in requirement 6.2 that confirm product certification (see requirement 6.3) of the single-capped fluorescent lamps for which approval is sought.



c) An accreditation certificate or certificate of acceptance confirming accreditation or acceptance for the certification of single-capped fluorescent lamps according to the general requirements for bodies operating product certification systems (ISO/IEC 17065, *Conformity assessment- Requirements for bodies certifying products, processes and services* or ISO/IEC GUIDE 65, *General requirements for bodies operating product certification systems*). The scope of accreditation or acceptance certificate shall be suitable to cover all the requirements of this compulsory specification.

A.1.4 Identification markings and other information appearing on the product;

A.1.5 Any reasonable additional information as may be requested by the NRCS.

A.1.6 On expiry of the approval, an application for an extension may be granted, if the following is submitted:

- Proof of conformity of production (see definition 2.2.3) issued less than 24 months before the date of submission to the NRCS.
- Valid product certificate contemplated in A.1.3 (b).
- A valid test report confirming continuous compliance to SANS/IEC 60968 and SANS/IEC 60969 or SANS/IEC 61199 and to Annex AA of SANS 60901.

## A.2 APPROVAL

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

A.2.2 The NRCS shall assign a unique number to each approval.

A.2.3 The NRCS shall issue an approval for each successful application, to the applicant, when all the requirements have been met. The validity period of the LOA shall be three (3) years and two (2) years for an extension.