

## DEPARTMENT OF TRADE AND INDUSTRY

NO. R. 232

10 MARCH 2016

**NATIONAL REGULATOR FOR COMPULSORY SPECIFICATIONS ACT  
(Act No. 5 of 2008), AS AMENDED THROUGH LEGAL METROLOGY ACT (Act No.  
9 of 2014)**

**COMPULSORY SPECIFICATION FOR ELECTRIC MOTOR-OPERATED HAND-HELD  
TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY  
(VC 9105).**

It is hereby made known under section 13(4) of the National Regulator for Compulsory Specifications Act, (Act 5 of 2008) as amended, that I, Dr Rob Davies, Minister of Trade and Industry, on the recommendation of the NRCS, intends to declare the Compulsory Specification for electric motor-operated hand-held tools, transportable tools and lawn and garden machinery as set out in the attached Schedule.

Any person, who wishes to comment on the intention to thus amend the Compulsory Specification concerned, shall submit their comments, in writing, to the Chief Executive Officer, National Regulator for Compulsory Specifications, Private Bag X 25, Brooklyn, 0075, on or before the date two (2) months after the publication of this notice.



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

## SCHEDULE

COMPULSORY SPECIFICATION FOR ELECTRICAL MOTOR-OPERATED OR  
MAGNETICALLY DRIVEN HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND  
LAWN AND GARDEN MACHINERY (VC 9105)

## 1. SCOPE

This compulsory specification covers safety of electrical motor-operated or magnetically driven hand-held tools, transportable tools and lawn and garden machinery, with the following attributes:

- Maximum rated voltage not exceeding 250 V single phase a.c ;
- Maximum rated voltage not exceeding 480 V three phase a.c; and
- Maximum rated input not exceeding 4000 W.

## 2. DEFINITIONS

**2.1** For the purposes of this document, the definitions in SANS 62841, SANS 60745 and SANS 61029 series of standards apply.

**2.2** In addition, the following definitions shall apply:

**2.2.1 Applicant:** The manufacturer or importer seeking approval for *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery*. The applicant shall be an existing legal entity within the Republic of South Africa.

**2.2.2 Proof of approval:** Confirmation by the NRCS that a particular *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* type satisfies the requirements of this compulsory specification.

**2.2.3 Conformity of production:** Proof that *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* offered for sale has been manufactured to the approved design and continues to comply with the requirements of this compulsory specification.

**2.2.4 Declaration report:** a report that is issued by an accredited conformity assessment body, indicating the equivalence of products and/or standards.

**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 Proof of conformity:** documented evidence of conformity with the requirements of this compulsory specification.

**2.2.7 Proof of approval:** proof that electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery have been approved by the NRCS.

**2.2.8 Valid test report:** copy of an original test report issued less than 60 months before the date of submission to the NRCS for approval

### 3. GENERAL REQUIREMENTS

- 3.1 The applicant shall ensure that each type of *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* has been approved by the NRCS before offering it for sale, in accordance with the requirements of Annex A.
- 3.2 The applicant shall inform the NRCS of any change in design or materials affecting any mandatory requirement in terms of this compulsory specification. In the event of such change(s) the NRCS may, at its discretion, demand that the applicant submit a new application for approval.
- 3.3 The applicant shall, on request, provide the NRCS, within five (5) working days, with satisfactory proof of approval in respect of any type of *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* included in the scope of this compulsory specification.
- 3.4 The applicant shall on request provide the NRCS, within five (5) working days, with satisfactory proof of conformity of production.
- 3.5 Failure to provide such proof shall constitute reasonable grounds for suspicion of non-compliance with the requirements of this compulsory specification.

### 4. SPECIFIC REQUIREMENTS

- 4.1 **Hand-held motor-operated or magnetically driven electric tools** shall comply with the relevant requirements of SANS 60745-1/IEC 60745-1, *Hand-held motor-operated electric tools - safety, part 1: General requirements*, together with the appropriate part(s) of the SANS 60745/IEC 60745 series;
- 4.2 **Transportable motor-operated electric tools** shall comply with the relevant requirements of SANS 61029-1/IEC 61029-1, *safety of transportable motor-operated electric tools part 1: General requirements*, together with the appropriate part(s) of the SANS 61029/IEC 61029 series; and
- 4.3 **Lawn and Garden machinery** shall comply with the relevant requirement of SANS 60335-1/IEC 60335-1, *Household and similar appliances safety, part 1: General requirements*, together with the appropriate part(s) of the SANS 60335 series; **OR**
- 4.4 **Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery** shall comply with the relevant requirements of SANS 62841-1, *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery-safety*, and together with appropriate part(s) of SANS 62841 standard series.

## 5. EQUIVALENCE OF STANDARDS

Standards issued by different standardization bodies such as ISO, EN, UL, AUS/NZ etc., will only be accepted if it is proven, in the form of a declaration report from an accredited conformity assessment body, that they are 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.



## **6. CONFORMITY TO REFERENCED STANDARDS**

- 6.1** For the purposes of this compulsory specification, a new edition of a referenced standard shall become effective twelve (12) months from the date of publication as a South African National Standard.
- 6.2** 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.
- 6.3** When a new edition of a referenced standard is published, products originally approved in accordance with the previous edition of that standard may have their approval extended for up to five (5) years from the effective date of the new standard, subject to the requirements of Annex A, unless declared otherwise by the Minister.

## **7. 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:

- 7.1** A valid test report in format acceptable to the NRCS and issued by an appropriately accredited and internationally recognized body being a member of an IAF/ILAC/IECEE mutual recognition scheme in accordance with the NRCS's conformity assessment policy.
- 7.2** The test reports shall prove conformity with all the applicable mandatory requirements.
- 7.3** Evidence of conformity shall be traceable to the specific product.

**ANNEX A - APPROVAL OF ELECTRICAL MOTOR-OPERATED OR  
MAGNETICALLY DRIVEN HAND-HELD TOOL, TRANSPORTABLE TOOL AND  
LAWN AND GARDEN MACHINERY**

**A.1 APPLICATION FOR APPROVAL**

An application for approval of each type of *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* intended for sale shall include:

- A.1.1** Details of the type of *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* 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 *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* type is produced;
- A.1.3** For new applications, proof of conformity, with all the requirements of this compulsory specification, issued less than **60 months** before the date of submission to the NRCS;
- A.1.4** On expiry of the approval, an application for an extension may be granted, provided that all the conditions of the previous approval were met. In this case, proof of compliance, with all the requirements of the relevant compulsory specification, issued less than **96 months** before the date of submission to the NRCS, shall be required;
- A.1.5** Identification markings and other information appearing on the product; and
- A.1.6** Any reasonable additional information in order to clarify the above that may be requested by the NRCS.

**A.2 APPROVAL**

- A.2.1** The NRCS shall assess the evidence of conformity supplied by the applicant 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 a letter of authority certificate (LOA) for each successful application, to the applicant, when all the requirements have been met.
- A.2.4** The approval granted with respect to each type of *electrical motor-operated or magnetically driven hand-held tool, transportable tool and lawn and garden machinery* that is pursuant to this compulsory specification may be withdrawn at any time, after the manufacturer has been notified in writing, if the requirements have not been met or maintained.