

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

No. R. 1260

30 December 2005

STANDARDS ACT, 1993

**PROPOSED INTRODUCTION OF A COMPULSORY SPECIFICATION FOR
NON-PRESSURE PARAFFIN STOVES AND HEATERS**

It is hereby made known under section 22(3) of the Standards Act, (Act No.29 of 1993), that the Minister of Trade and Industry, on the recommendation of the Council of the South African Bureau of Standards, intends to introduce a compulsory specification for Non-pressure Paraffin Stoves and Heaters, 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 NON-PRESSURE PARAFFIN STOVES AND HEATERS

1 Scope

This specification covers the performance, safety and homologation requirements for non-pressure paraffin fuelled cooking stoves and heaters intended primarily for domestic use.

2 Definitions

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

Homologation:

A certification process conducted by the regulatory authority that verifies that each type of non-pressure stove or heater intended to be sold in the RSA, complies with the relevant requirements of this specification.

Non-pressure stove or heater

A stove or heater of which the pressure of the paraffin that reaches the burner is less than 2 kPa/g

3 Requirements

3.1 Non-pressure paraffin stoves and heaters shall comply with the requirements of SANS 1906:2005 Edition 2 *Non-pressure paraffin stoves and heaters*, with the following amendments.

For the purpose of this compulsory specification the following clauses of the standard SANS 1906:2005 Edition 2 shall read as follows:

Clause 4.1.8

The appliance shall be so constructed in such a way that no part essential to its operation or integrity shall deteriorate or otherwise be weakened so as to compromise its performance as defined in the standard, except that the maximum output of the appliance after completion of the 500 h test of the burner may (see 4.1.5)

Clause 4.1.9

When tested in accordance with 6.6;

- a) the difference between the first and the last mass shall not exceed 0,5 g; and
- b) there shall be no leakage of fuel in the event the stove being knocked over.

Clause 4.1.11

When tested in accordance with 6.8, the appliance shall not topple over.

Clause 4.1.12

The appliance shall extinguish itself within 30 s, if it is knocked over.

Clause 4.1.13.2

Once extinguished (see 4.1.13.1), the appliance shall not emit visible smoke for more than 1 min when tested in accordance with 6.9.

Clause 6.6

6.6.1 Fill the container with paraffin;

6.6.2 Remove any spillage and then weigh the appliance to the nearest 0.1g.

6.6.3 Shake the appliance vigorously for 30 s, remove any spillage and then weigh it once again to the nearest 0,1 g.

6.6.4 Check for compliance with 4.1.9a

6.6.5 Knock the appliance over and leave it for 30 s.

6.6.6 Check for compliance with 4.1.9b.

Clause 6.9

Add the following sub-clause:

6.9.2.6 Check for compliance with 4.1.13.2

3.2 Homologation

Each type of non-pressure paraffin stove or heater shall be certified by the regulatory authority as complying to the requirements of this compulsory specification in accordance with the homologation process as defined in Annexure A, prior to it being offered for sale.

ANNEXURE A

Homologation of Paraffin Stoves

1 Definitions

- 1.1 **applicant:** The manufacturer or importer of a non-pressure paraffin stove or heater type. The manufacturer or importer shall be established within the Republic of South Africa.
- 1.2 **appliance type:** Category of paraffin stove or heater that does not differ in such essential respects as:
- 1.2.1 the trade name or mark, or
- 1.2.2 the design, materials, dimensions, manufacturing processes or methods of assembly.
- 1.3 **homologation test:** means a test to determine the extent to which a non-pressure paraffin stove or heater submitted for homologation is capable of satisfying the requirements.

2 Application for homologation

- 2.1 An application for homologation of a non-pressure paraffin stove or heater type (herein after referred to as appliance type) shall be submitted by the applicant to the regulatory authority for each type of product. This application shall include the following:
- 2.1.1 Drawings to scale, in sufficient detail to permit identification of all component parts and materials thereof, including the assembly of the appliance. The drawings shall show the marking of the appliance type as required by the Specification;
- 2.1.2 Authentic test reports to the satisfaction of the regulatory authority to prove compliance with all the relevant requirements of the Specification;
- 2.1.3 One specimen of the appliance type for the verification of compliance with the requirements of the Specification. The specimen shall include all the accessories that are supplied with the appliance type, within the packaging, as it is placed on the market, whether or not those accessories have actually been fitted to the appliance;
- 2.1.4 Additional specimens shall be supplied at the request of the regulatory authority;
- 2.1.5 Details of the marking of the packaging for the non-pressure paraffin stove or heater type in accordance with paragraph 3.2.
- 2.1.6 Information for users that shall accompany the appliance type when placed on the market as required by the Specification.
- 2.1.7 Provide additional information as requested by the regulatory authority.
- 2.2 The regulatory authority shall verify the existence of satisfactory arrangements in order to ensure effective control of the conformity of production in accordance with the provisions of paragraph 4 before homologation is granted.

3 Homologation

- 3.1 Once all the requirements have been met to the satisfaction of the regulatory authority, the regulatory authority shall grant homologation.
- 3.2 The regulatory authority shall assign a unique homologation number to each type homologated.
- 3.3 The regulatory authority shall confirm to the applicant that homologation has been granted by means of a certificate bearing the homologation number as referred to in paragraph 3.2.
- 3.4 The holder of the homologation shall ensure that the homologation number as referred to in paragraph 3.2 is marked on every appliance conforming to a type homologated under the Specification or on its packaging, so as to be visible at the point of sale.

4 Conformity of production and routine tests

- 4.1 Ongoing proof of compliance shall be made available to the regulatory authority to ensure conformity to the requirements of the Specification.

5 Modification and extension of homologation of an appliance type

- 5.1 Every modification of the appliance type for which homologation has been granted, shall be formally notified accordingly to the regulatory authority prior to implementation.
- 5.2 If further evidence of compliance is required as a result of such modifications, this may be required from the applicant.

6 Withdrawal of homologation

- 6.1 The homologation granted in respect of an appliance type pursuant to the Specification may be withdrawn if the requirements in the Specification have not been maintained.