

Compulsory Specification for

Cement

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DEPARTMENT OF TRADE AND INDUSTRY
DEPARTEMENT VAN HANDEL EN NYWERHEID

No. R. 544

6 July 2007

STANDARDS ACT, 1993

COMPULSORY SPECIFICATION FOR CEMENT

I, Mandisi Mpahlwa, Minister of Trade and Industry, hereby under Section 22(1)(a)(i) of the Standards Act, 1993 (Act No. 29 of 1993), and on the recommendation of the Council of the South African Bureau of Standards, declare the specification, as set out in the Schedule, to be a compulsory specification for Cement with effect from two (2) months from the date of publication.



M Mpahlwa

Minister of Trade and Industry

SCHEDULE

COMPULSORY SPECIFICATION FOR CEMENT

1 SCOPE

This compulsory specification covers the requirements for the manufacture, marking, properties and performance of cement, intended for construction use, irrespective of whether distributed in bulk or bagged form.

2 DEFINITIONS

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

2.1 Regulator: SABS Regulatory, a Division of the South African Bureau of Standards.

2.2 Applicant: The manufacturer or importer seeking approval of cement. The applicant shall be an established legal entity within the Republic of South Africa.

2.3 Cement: A hydraulic binder used for construction purposes described in either SANS 50197-1 *Common cements*, or SANS 50413-1 *Masonry cement*.

2.4 Common Cement: One of the types of cement listed in Table 1 of SANS 50197-1 *Common cements*.

2.5 Masonry Cement: One of the types of cement listed in Table 1 of SANS 50413-1 *Masonry cement*.

2.6 Certification body: A body appointed by the producer to assess the conformity of cement against the requirements of this compulsory specification.

2.7 Manufacturer: An entity that produces, blends or packs cement or cement blends.

2.8 Importer: An established legal entity within the Republic of South Africa that imports cement.

3 REQUIREMENTS

3.1 Cement shall comply with the requirements of the latest issue of either SANS 50197-1 *Common cements*, or SANS 50413-1 *Masonry cement*

3.2 For the purposes of this compulsory specification an importer shall meet with the requirements for an intermediary as defined in Section 9 of SANS 50197-2 *Conformity Evaluation*, and shall appoint a certification body accredited to the requirements given in Section 5.1 of SANS 50197-2 to perform the third party tasks given in Section 9.3.1 and 9.3.2 of SANS 50197-2.

3.3 In terms of the requirements of Sections 5 and 7, or Sections 9.3.1 and 9.3.2 of SANS 50197-2, as applicable, the manufacturer or importer shall appoint a certification body accredited to the requirements given in Section 5.1 of SANS 50197-2 to perform these functions.

3.4 Each manufacturer, or importer on behalf of a manufacturer, shall apply to the Regulator for pre-approval of every manufacturing facility from which cement is to be supplied, in accordance with the requirements of Annexure A.

3.5 The manufacturer or importer shall apply for pre-approval of each and every type and strength class of cement to be sold.

3.6 Packaging shall be marked in accordance with the requirements of Annexure B.

3.7 The manufacturer or importer shall provide the Regulator annually with copies of the reports generated by the certification body in accordance with Section 5.2 of SANS 50197-2, and at 6-monthly intervals with copies of the reports generated by the certification body in accordance with Sections 5.3 and 5.4 of SANS 50197-2.

3.8 Intermediaries shall perform the tasks prescribed in Section 9 of SANS 50197-2, and shall provide the Regulator annually with copies of the reports generated by the certification body in accordance with Section 9.3.1 of SANS 50197-2, as well as with copies, at 6-monthly intervals, of reports of audit testing of samples by the certification body in accordance with Section 9.3.2 of SANS 50197-2.

3.9 The importer shall notify the Regulator in advance of every consignment to be imported. The consignment may be made up of a number of smaller deliveries of the same cement product, as in the case of deliveries by road.

3.10 The manufacturer and/or importer and certification body shall each undertake, in writing, to immediately report any failure to conform to the requirements of the compulsory specifications, of whatever nature, to the Regulator.

4 Exclusions

For the purposes of this compulsory specification the following requirements are excluded:

4.1 All references and requirements related to the *Conformity mark* in SANS 50197-1, SANS 50197-2 and SANS 50413-2.

4.2 Clause 9.3.3 of SANS 50197-2.

ANNEXURE A

APPROVAL OF CEMENT

1 APPLICATION FOR APPROVAL

1.1 The applicant shall apply to the Regulator for pre-approval of the manufacturing facility and of each type of cement produced. The application shall include the following:

1.1.1 Details of the type of cement for which approval is sought and the standard/s to which it is claimed to conform;

1.1.2 Identification of the manufacturing plant/s for which approval is sought;

1.1.3 A copy of reports generated by a certification body appointed in accordance with 3.3 in terms of Sections 5.2, 5.3 and 5.4 of SANS 50196-2, or in terms of Section 5.5 of SANS 50197-2, as relevant;

1.1.4 Markings and other information to be printed on the package, with a breakdown of any codes indicating factory or packing plant of origin and/or date of packaging.

2 APPROVAL

2.1 The Regulator shall issue a Letter of Authority (LOA) to the manufacturer or importer when all the requirements, identified in 1 above, have been met to the satisfaction of the Regulator.

2.2 The Regulator shall assign a unique number to each LOA in respect of each type of cement approved.

2.3 The LOA shall be the sole proof of approval by the Regulator.

3 WITHDRAWAL OF APPROVAL

The approval granted in respect of cement pursuant to the Specification may be withdrawn at any time without prior warning if the requirements of this Specification have not been maintained.

ANNEXURE B

MARKINGS THAT SHALL APPEAR ON PACKAGING

Any information appearing on a bag of cement shall not be misleading to the user. In compiling design mixes as guidelines, the manufacturer should be guided by SANS standards for the use of cement.

The following minimum information shall be printed legibly and indelibly on each bag in the English language. Print shall be at least 6 mm high.

1 MASONRY CEMENT.

- The manufacturer's name and either his trade name or trademark, and the name of the importer if different from the manufacturer.
- Markings as required in Clause 6 of SANS 50413-1.
- Identity of the factory (which may be in code) where the cement was produced.
- A date or code that provides traceability to the week of packing, or despatch in the case of bulk cement.
- The standard under which the cement was manufactured.
- A statement indicating its intended use i.e. **MASONRY CEMENT, INTENDED TO BE USED FOR PREPARATION OF MORTAR AND PLASTER ONLY.**
- Manufacturers guidelines for the use of the type and grade of cement and precautions to be observed in its use.
- The unique approval number of the Letter of Authority referred to in paragraph 2.2 of Annexure A of this specification, using the words "LOA No.....".
- A statement of quantity as prescribed in the Trade Metrology Act.

2 COMMON CEMENT

- The manufacturer's name and trademark and the name of the importer if different from the manufacturer.
- Identity of the factory (which may be in code) where the cement was produced.
- The standard designation in accordance with Clause 8 of SANS 50197-1.
- A date or code that provides traceability to the week of packing, or despatch in the case of bulk cement.
- The standard under which the cement was manufactured.
- Manufacturers guidelines for the use of the type and grade of cement and precautions to be observed in its use.
- The unique approval number of the Letter of Authority referred to in paragraph 2.2 of Annexure A of this specification, using the words "LOA No.....".
- A statement of quantity as prescribed in the Trade Metrology Act.
- If applicable, the additional information specified in Annexure ZA.4.1 and the footnotes thereto of SANS 50197-1.