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SOUTH AFRICAN NATIONAL STANDARD

Preparation of test samples of aggregates

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Table of changes

Change No.	Date	Scope
Amdt 1	2006	Amended to change the designation of SABS standards to SANS standards, with no technical changes.

Foreword

This South African standard was prepared by National Committee SABS/TC 081/SC 01, *Construction materials, Products and test methods – Cement, lime and concrete*, in accordance with procedures of the SABS, in compliance with annex 3 of the WTO/TBT agreement.

This edition is technically identical to the first revision (SABS SM 828:1994).

Compliance with this document cannot confer immunity from legal obligations.

<p>Reaffirmed and reprinted in July 2017. This document will be reviewed every five years and be reaffirmed, amended, revised or withdrawn.</p>
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Preparation of test samples of aggregates

1 Scope and field of application

This standard specifies the method for obtaining samples for testing from a laboratory sample prepared in accordance with SANS 195.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent edition of the standard indicated below. Information on currently valid national and international standards can be obtained from the SABS.

SANS 195, *Sampling of aggregates*.

3 Procedure

3.1 Ensure that the laboratory sample (see SANS 195) is still moist enough to prevent the loss of fines and then deposit the laboratory sample in a clean receptacle of suitable size or onto a clean, non-absorbent surface, taking care that all of the laboratory sample in the container is removed.

3.2 By means of a sample splitter, or by coning and quartering, obtain a test sample for each of the relevant tests to be conducted.

3.3 Prepare test samples of the size described in the test method to be used, allowing sufficient quantity of the material for cases where the test method requires repeat tests.

NOTE Provision should be made for the loss of fines if the aggregate needs to be crushed in the laboratory to size fractions as required for specific tests.

3.4 Store any aggregate not required for the envisaged tests in clean, dust-tight plastics, metal or tightly woven canvas containers until all the tests have been conducted satisfactorily. Mark each container for later identification.

NOTE Jute or hessian bags are not recommended.