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SOUTH AFRICAN NATIONAL STANDARD

Preparation of samples (leather, elastomeric material and other footwear materials)

WARNING

This document references other documents normatively.

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Table of changes

Change No.	Date	Scope

Foreword

This South African standard was approved by National Committee SABS/TC 120/SC 01, *Leather – Raw hides and skins, including pickled pelts*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in March 2015.

This document supersedes SABS SM 616:2001 (edition 3).

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Preparation of samples (leather, elastomeric material and other footwear materials)

1 Scope

This standard specifies a method for the preparation of samples (leather, elastomeric material and other footwear materials).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 5615, *Method for the sampling of footwear components and materials other than leather.*

3 Preparation of leather for chemical analysis

3.1 Cutting and storing

3.1.1 General

If the sample was not taken in accordance with SANS 5615, cut off and reject approximately 10 mm from each uncut edge of the sample.

3.1.2 Leather with an expected grease content not exceeding 15 %

Cut the sample into strips of size approximately 15 mm × 5 mm and pass these strips through a suitable mill fitted with a screen of nominal aperture size 4 mm. Thoroughly mix the prepared specimen and seal in a clean, dry, airtight container.

3.1.3 Leather with an expected grease content exceeding 15 %

Cut the sample with a knife into square pieces of size approximately 5 mm and do not pass these pieces through the mill. Thoroughly mix the prepared specimen and seal in a clean, dry, airtight container.

3.2 Conditioning

Unless otherwise stated in the test method to be used, condition each sample for at least 48 h in an atmosphere maintained at a relative humidity of $(65 \pm 2) \%$ and a temperature of $(20 \pm 2) ^\circ\text{C}$, and with the air kept in motion over the sample. Use steel dies of the correct measurements to cut the required test specimens from the samples to avoid bending or stretching of the specimens. Carry out the required tests without removing the specimens from the conditioning atmosphere.