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SANS 10378:2012

Edition 2

SOUTH AFRICAN NATIONAL STANDARD

General requirements for the competence of verification laboratories

SANS10378:2012
Edition 2

Table of changes

Change No.	Date	Scope

Foreword

This South African standard was approved by National Committee SABS SC 70, *Legal metrology*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in March 2012.

This document supersedes SANS 10378:2005 (edition 1).

Reference is made throughout this document to the “relevant national legislation” and the “national responsible body”. In South Africa, this means the Trade Metrology Act, 1973 (Act No. 77 of 1973), and the national responsible body is appointed in terms of this Act by the Minister of Trade and Industry.

Reference is made in 3.1, 4.1.1 and 4.1.2 to “the national accreditation body”. In South Africa, this means the South African National Accreditation System (SANAS).

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General requirements for the competence of verification laboratories

1 Scope

1.1 This standard specifies the general requirements for the competence of laboratories to carry out the verification of measuring instruments. It covers verification activities using regulated verification procedures that cover measuring instruments used in terms of the relevant national legislation (see foreword).

1.2 This standard applies to all organizations that perform verification of measuring instruments, and to all verification laboratories, regardless of the number of personnel or the extent of the scope of the verification activities.

1.3 This standard provides procedures whereby verification laboratories can develop and maintain their quality, administrative and technical systems.

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.

International vocabulary of metrology – Basic and general concepts and associated terms (VIM).

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SANS 1697, *Verification standards for the verification of mass-measuring instruments, including commercial standard masspieces.*

SANS 1698, *Verification standards for the verification of volume-measuring instruments, including commercial standards of volume.*

SANS 17000/ISO/IEC 17000, *Conformity assessment – Vocabulary and general principles.*

3 Definitions

For the purposes of this document, the definitions given in SANS 17000, the *International vocabulary of metrology – Basic and general concepts and associated terms (VIM)*, the relevant national legislation (see foreword), and the following apply.

NOTE 1 The terminology used in this standard conforms to VIML, OIML B 3 and other relevant OIML documents.