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SANS 226:2016

Edition 5.3

SOUTH AFRICAN NATIONAL STANDARD

Water taps (metallic bodies)

WARNING

This document references other documents normatively.

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Table of changes

Change No.	Date	Scope
Amdt 1	2004	Amended to include “stop taps” as a synonym for “stopcock”, to add a definition for acceptable, to correct the requirement for the dynamic supply pressure (table 1), to add a note clarifying the use of the word “class”, to change the requirements for metallic materials, to change the tolerance for diameters of washers and to change the marking requirement.
Amdt 2	2009	Amended to update referenced standards, and to modify the requirements for metallic materials.
Amdt 3	2016	Amended to update the subclause on easy-clean cover.

Foreword

This South African standard was approved by National Committee SABS/TC 138/SC 02, *Water and sanitation – Equipment and systems – Plumbing components*, 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 November 2016.

This document supersedes SANS 226:2009 (edition 5.2).

A vertical line in the margin shows where the text has been technically modified by amendment No. 3.

Compliance with this document cannot confer immunity from legal obligations.

Annex A forms an integral part of this standard. Annexes B, C and D are for information only.

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Water taps (metallic bodies)

1 Scope

This standard covers requirements for four classes of screw-down and non-screw-down metallic water taps (including stop taps) for the supply of water at temperatures not exceeding 75 °C. It also covers stopcocks of sizes up to and including 50 mm. It does not cover thermostatic mixer taps, single control mixer taps, metering taps, demand taps or taps of which the bodies are made entirely of a plastics material.

2 Normative references

The following standards contain 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 editions of the standards indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

BS 84, *Parallel screw threads of Whitworth form – Requirements.*

SANS 135/ISO 1456, *Metallic and other inorganic coatings – Electrodeposited coatings of nickel, nickel plus chromium, copper plus nickel and of copper plus nickel plus chromium.*

SANS 1067-1, *Copper-based fittings for copper tubes – Part 1: Compression fittings.*

SANS 1067-2, *Copper-based fittings for copper tubes – Part 2: Capillary solder fittings.*

SANS 1109-1/ISO 7-1, *Pipe threads where pressure-tight joints are made on the threads – Part 1: Dimensions, tolerances and designation.*

SANS 1274, *Coatings applied by the powder-coating process.*

SANS 6509/ISO 6509, *Corrosion of metals and alloys – Determination of dezincification resistance of brass.*

3 Definitions

For the purposes of this standard, the following definitions apply:

3.1

acceptable

acceptable to the authority administering this standard, or to the parties concluding the purchase contract, as relevant

Amdt 1