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**SANS 10225:2012**

Edition 1.2

# **SOUTH AFRICAN NATIONAL STANDARD**

## **The design and construction of lighting masts**

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Tech. corr. 1	1998	Corrected to modify the gusts factor formula, to delete the formula for steel masts, to modify the cross sectional factor of steel masts, to modify the formula for torsion strength and the 4 reinforcement factor, to modify the plastic modulus formula for the N and Y axis, and to correct the values of factor.
Amdt 1	2012	Amended to change the designation of SABS standards to SANS standards and to update referenced standards, to reference the South African regulations that govern the use of suspended maintenance scaffolds in the foreword, to add a definition for acceptable and to renumber the definitions, and to amend the structural requirements for masts and towers.

**Foreword**

This South African standard was prepared by National Committee SABS/TC 098/SC 03, *Structural and geo-technical design standards – Design of metal and composite structures*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in August 2012.

This document supersedes SABS 0225:1991(edition 1).

A vertical line in the margin shows where the text has been technically modified by technical corrigendum No. 1 and amendment No. 1.

References are made in 7.13.1.1 and 7.13.2.5 to the "relevant national legislation". In South Africa, this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).

Annexes A and B are for information only.

**Compliance with this document cannot confer immunity from legal obligations.**

**Reaffirmed and reprinted in May 2018.  
This document will be reviewed every five years  
and be reaffirmed, amended, revised or withdrawn.**

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