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Edition 3.5

SOUTH AFRICAN NATIONAL STANDARD

Hospital beds and cots

SANS 521:2013

Edition 3.5

Table of changes

Change No.	Date	Scope
Amdt 1	1993	Amended to give more detail relating to permissible tube sizes; to increase the position range allowed for the ward bed's legs (when viewed from the side of the bed) and to delete the requirement to fit a power-assisted mechanism to tilt the backrest.
Amdt 2	2002	Amended to update the definition for "acceptable", and to replace withdrawn referenced standards.
Amdt 3	2004	Amended to change the document to SANS format, to update referenced standards and to delete reference to the South African Bureau of Standards.
Amdt 4	2009	Amended to update referenced standards.
Amdt 5	2013	Amended to update referenced standards.

Foreword

This South African standard was approved by National Committee SABS TC 1048, *Hospital equipment and supplies*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in September 2013.

This document supersedes SANS 521:2009 (edition 3.4).

A vertical line in the margin shows where the text has been technically modified by amendment No. 5.

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Hospital beds and cots

1 Scope

1.1 This specification covers dimensional and constructional requirements for six types of basic beds and cots intended for use in hospitals and in other medical institutions.

NOTE

- a) The standards referred to in the specification are listed in appendix A.
- b) Requirements that must be specified by the purchaser are listed in appendix B.
- c) Guidance on the verification of the quality of hospital beds and cots is given in appendix C.
- d) Information on national specifications relating to other types of beds and related equipment is given in appendix D.

2 Definitions

2.1 For the purposes of this specification the following definitions shall apply:

acceptable

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

Amdt 2

bright polished finish

bright reflective finish obtained by polishing the surface without completely obliterating previously existing grinding marks or other surface texture

directional satin finish

finish obtained by so grinding the surface with fine abrasives (without subsequent polishing) as to leave a silky appearance with the abrasion marks running in the same general direction

outer frame

horizontal and peripheral frame of the bed, on the ends of which the bows are fitted, that contains, or forms part of, the mattress support

power-assisted

assisted by means of springs, counterbalancing, mechanical advantage, an electric or other motor or by any other acceptable means