

SINGAPORE STANDARD

Ladders

– Part 6 : Telescopic ladders

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– Part 6 : Telescopic ladders

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The content of this Singapore Standard was approved on 25 September 2019 by the Quality and Safety Standards Committee (QSSC) under the purview of the Singapore Standards Council.

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C&W Services (S) Pte Ltd

GS Industries Pte Ltd

Institution of Occupational Safety and Health, Singapore Branch

L&M Metals (S) Pte Ltd

Ministry of Manpower

Modern (Singapore) Scaffolding & Engineering Pte Ltd

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Singapore Contractors Association Limited

Singapore Polytechnic

Springwell Marketing Services Pte Ltd

The Institution of Engineers, Singapore

TÜV SÜD PSB Pte Ltd

Workplace Safety and Health Council

WSH (Asia)

National Foreword

This Singapore Standard was prepared by the Working Group on Portable Aluminium Ladders set up by the Technical Committee on Personal Safety and Health under the purview of QSSC.

SS EN 131 consists of the following six parts, under the general title 'Ladders':

- Part 1: Terms, types, functional sizes (Identical adoption of EN 131-1:2015)
- Part 2: Requirements, testing, marking (Identical adoption of EN 131-2:2010+A2:2017)
- Part 3: Marking and user instructions (Identical adoption of EN 131-3:2018)
- Part 4: Single or multiple hinge-joint ladders (Identical adoption of EN 131-4:2007)
- Part 6: Telescopic ladders (Identical adoption of EN 131-6:2019)
- Part 7: Mobile ladders with platform (Identical adoption of EN 131-7:2013)

This standard is identical with EN 131-6:2019, "Ladders – Part 6: Telescopic ladders", published by European Committee for Standardisation, CEN, Avenue Marnix 17, B-1000 Brussels.

NOTE 1 – EN 131-5: Accessories for ladders is not available for adoption as CEN has terminated the development of this part.

NOTE 2 – Where appropriate, the words "European Standard" are read as "Singapore Standard".

NOTE 3 – Reference to European Standards are replaced by applicable Singapore Standards.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions. Where SSs are deemed to be stable, i.e. no foreseeable changes in them, they will be classified as "Mature Standards". Mature Standards will not be subject to further review, unless there are requests to review such standards.*
2. *An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore and the Singapore Standards Council shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR. Although care has been taken to draft this standard, users are also advised to ensure that they apply the information after due diligence.*
3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

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English Version

Ladders - Part 6: Telescopic ladders

Échelles - Partie 6: Échelles télescopiques

Leitern - Teil 6: Teleskopleitern

This European Standard was approved by CEN on 26 November 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Contents

Page

European foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Functional dimensions.....	6
4.1 General dimensions.....	6
4.2 Specific dimensions	6
4.3 Top rung clearance l_6	6
4.4 Outside width b_4	7
5 Requirements	7
5.1 General requirements	7
5.2 Distance between rungs/steps.....	7
5.3 Additional requirements for the top of leaning ladders.....	8
5.4 Locking of the rung/step sections.....	8
5.5 Design	8
5.6 Base width b_2	8
6 Testing.....	8
6.1 General.....	8
6.2 Ladder preconditioning.....	9
6.2.1 General.....	9
6.2.2 Drop test.....	9
6.3 Strength test of stiles	9
6.4 Bending test of stiles	11
6.5 Lateral deflection test of the ladder	11
6.6 Bottom stile ends test	11
6.7 Vertical load on rungs, steps and platforms.....	11
6.7.1 General.....	11
6.7.2 Rungs and steps	11
6.7.3 Platform.....	12
6.7.4 Rungs/steps strength test – unlocked position.....	13
6.7.5 Torsion test of rungs/steps	13
6.7.6 Pull out test of rung/step	14
6.8 Test of opening restraints and hinges of standing telescopic ladders.....	14
6.9 Base slip test for leaning ladders	14
6.10 Test of locking mechanism	14
6.10.1 Cyclic test of locking mechanism.....	14
6.10.2 Static test of locking mechanism	15
6.10.3 Cyclic test of hinge joints	15
6.11 Feet/End cap pull test.....	16
6.12 Asymmetrical bending test.....	16
6.13 Test methods for plastic ladders	16
6.14 Test methods for plastic rung/step brackets.....	16
6.15 Durability	16
6.16 Opening and closing cycle test.....	16

7	Marking and user instructions	17
7.1	General	17
7.2	Marking	17
7.3	User instruction	17
7.4	List of items to be inspected	17
7.5	Storage.....	18
	Annex A (normative) Test sequence.....	19
	Annex B (informative) Deviations	20
B.1	General	20
B.2	Deviations from the Netherlands.....	20
B.3	Deviations from Sweden	21
	Bibliography	22

European foreword

This document (EN 131-6:2019) has been prepared by Technical Committee CEN/TC 93 “Ladders”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2019, and conflicting national standards shall be withdrawn at the latest by August 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 131-6:2015.

In comparison with the previous edition, the following technical modifications have been made:

- a) strength test in position of use;
- b) durability test for the complete ladder added;
- c) asymmetrical bending test added;
- d) requirements specified in more detail and aligned with the EN 131 series.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This European Standard is one of a series about ladders. The other standards of this series are listed in Clause 2 and in the Bibliography.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document specifies the general design features, requirements and test methods and defines terms for leaning and standing telescopic ladders.

Ladders with extension elements are not covered by this part of EN 131.

This part of the standard is intended to be used in conjunction with EN 131-1, EN 131-2, EN 131-3 and if applicable EN 131-4.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 131-1:2015, *Ladders — Part 1: Terms, types, functional sizes*

EN 131-2:2010+A2:2017, *Ladders — Part 2: Requirements, testing, marking*

EN 131-3:2018, *Ladders — Part 3: Marking and user instructions*

EN 131-4:2007, *Ladders — Part 4: Single or multiple hinge-joint ladders*