

ISBN 978-0-626-29520-2

SANS 8098:2014

Edition 1

ISO 8098:2002

Edition 2

SOUTH AFRICAN NATIONAL STANDARD

Cycles — Safety requirements for bicycles for young children

This national standard is the identical implementation of ISO 8098:2002 and is adopted with the permission of the International Organization for Standardization.

SANS 8098:2014

Edition 1

ISO 8098:2002

Edition 2

Table of changes

| Change No. | Date | Scope |
|-------------------|-------------|--------------|
| | | |

National foreword

This South African standard was approved by National Committee SABS/TC 1089, *Non-motorized transport*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS document was published in March 2014.

INTERNATIONAL STANDARD

**ISO
8098**

Second edition
2002-08-01

Cycles — Safety requirements for bicycles for young children

*Cycles — Exigences de sécurité relatives aux bicyclettes pour jeunes
enfants*



Reference number
ISO 8098:2002(E)

© ISO 2002

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2002

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

Printed in Switzerland

Contents

| | Page |
|---|------|
| 1 Scope | 1 |
| 2 Terms and definitions | 1 |
| 3 Subassemblies | 2 |
| 3.1 General | 2 |
| 3.2 Brakes | 4 |
| 3.3 Steering | 7 |
| 3.4 Frame/fork assembly | 7 |
| 3.5 Front fork | 8 |
| 3.6 Wheels | 8 |
| 3.7 Tyres and tubes | 9 |
| 3.8 Pedals and pedal/crank assembly | 9 |
| 3.9 Saddle | 10 |
| 3.10 Drive system static load test | 11 |
| 3.11 Chainguard | 11 |
| 3.12 Stabilizers | 11 |
| 3.13 Instructions | 12 |
| 3.14 Marking | 12 |
| 4 Test methods | 12 |
| 4.1 General | 12 |
| 4.2 Brake block test | 12 |
| 4.3 Braking system load test | 13 |
| 4.4 Hand-operated brake performance test | 14 |
| 4.5 Back-pedal brake performance test | 15 |
| 4.6 Steering assembly test | 16 |
| 4.7 Impact tests on frame/fork assembly | 19 |
| 4.8 Static load test: wheel | 22 |
| 4.9 Pedal/crank assembly kinetic test | 23 |
| 4.10 Static load test — Saddle and pillar | 23 |
| 4.11 Drive-system static load test | 23 |
| 4.12 Stabilizers — Vertical load test | 24 |
| 4.13 Stabilizers — Longitudinal load test | 25 |
| 4.14 Saddle strength test | 26 |
| Bibliography..... | 27 |