

ISO/~~DIS PRF~~ 23645:2024(en)

ISO/TC 310/~~WG-3~~

Secretariat: AFNOR

Date: ~~2024-12-18~~2025-05-15

Child care articles — Baby walking frames — Safety requirements and test methods

iTeh Standards

(<https://standards.iteh.ai>)
PROOF
Document Preview

ISO/PRF 23645

<https://standards.iteh.ai/catalog/standards/iso/4539c354-36d5-48c2-b2d8-4ef7e17c890d/iso-prf-23645>

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: + 41 22 749 01 11
E-mail: copyright@iso.org
Website: www.iso.org

Published in Switzerland

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO/PRF 23645

<https://standards.iteh.ai/catalog/standards/iso/4539c354-36d5-48c2-b2d8-4ef7c17c890d/iso-prf-23645>

Contents

| | |
|--|----|
| Foreword..... | v |
| Introduction..... | vi |
| 1 Scope..... | 1 |
| 2 Normative references..... | 1 |
| 3 Terms and definitions..... | 2 |
| 4 Test equipment..... | 2 |
| 4.1 Test masses..... | 2 |
| 4.2 Other equipment..... | 4 |
| 4.3 Test probes for finger entrapment..... | 5 |
| 4.4 Test equipment for stability test..... | 6 |
| 4.5 Test equipment for dynamic stability..... | 6 |
| 4.6 Test equipment for prevention of fall down steps test..... | 7 |
| 4.7 Structural characteristics for the test equipment..... | 8 |
| 5 General requirements and test conditions..... | 8 |
| 5.1 Product conditioning..... | 8 |
| 5.2 Test conditions..... | 8 |
| 5.3 Application of forces..... | 9 |
| 5.4 Tolerances..... | 9 |
| 5.5 Order of tests..... | 9 |
| 6 Chemical hazards..... | 9 |
| 6.1 General..... | 9 |
| 6.2 Requirements..... | 9 |
| 6.3 Migration of certain elements..... | 10 |
| 6.4 Phthalates..... | 11 |
| 6.5 Azo colorants..... | 11 |
| 6.6 Formaldehyde..... | 12 |
| 6.7 Flame retardants..... | 13 |
| 7 Thermal hazards (see Clause B.2)..... | 14 |
| 7.1 Requirement..... | 14 |
| 7.2 Test method..... | 14 |
| 8 Mechanical hazards (see Clause B.3)..... | 14 |
| 8.1 General..... | 14 |
| 8.2 Entrapment hazards (see B.3.1)..... | 14 |
| 8.3 Hazards due to moving parts (see B.3.2)..... | 15 |
| 8.4 Protective function of the seat..... | 15 |
| 8.5 Hazards due to height adjustment and folding of the product..... | 17 |
| 8.6 Strangulation hazards due to cords, ribbons and similar parts (see B.3.3)..... | 17 |
| 8.7 Choking and ingestion hazard (see B.3.4)..... | 18 |
| 8.8 Suffocation hazards from plastic packaging (see B.3.5)..... | 19 |
| 8.9 Hazards from edges, corners and protruding parts (see B.3.6)..... | 20 |
| 8.10 Hazards from inadequate structural integrity (see B.3.7)..... | 20 |
| 8.11 Hazards from inadequate stability (see B.3.8)..... | 21 |
| 8.12 Hazards due to falling down stairs (see B.3.9)..... | 23 |
| 8.13 Parking devices..... | 28 |
| 9 Product information..... | 30 |
| 9.1 General..... | 30 |
| 9.2 Marking of the product..... | 30 |

| | | |
|-----------------------|--------------------------------------|----|
| 9.3 | Purchase information..... | 30 |
| 9.4 | Instructions for use | 31 |
| Annex A (informative) | Chemicals | 32 |
| Annex B (informative) | Further information on hazards | 37 |
| Annex C (normative) | Test platform for tip over test..... | 39 |
| Bibliography | | 40 |

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO/PRF 23645

<https://standards.iteh.ai/catalog/standards/iso/4539c354-36d5-48c2-b2d8-4ef7c17c890d/iso-prf-23645>

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 310, *Child care articles*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The purpose of this document is to reduce the risk of death and injury when using baby walking frames. It is stressed that this document cannot eliminate all possible risks to children using such a product and that carer control is of paramount importance.

Conformity to the requirements of this document will minimize potential hazards associated with using baby walking frames.

This document is largely based on the existing European standard EN 1273:2020+A1:2023. The differences between EN 1273:2020+A1:2023 and this document are as follows:

- chemical requirements in [Clause 6](#);
- product information requirements in [9.1](#) and [9.4](#).

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO/PRF 23645

<https://standards.iteh.ai/catalog/standards/iso/4539c354-36d5-48c2-b2d8-4ef7c17c890d/iso-prf-23645>