# INTERNATIONAL STANDARD

ISO 14122-2

Second edition 2016-06-01

## Safety of machinery — Permanent means of access to machinery —

Part 2: **Working platforms and walkways** 

Sécurité des machines — Moyens d'accès permanents aux machines —

Partie 2: Plates-formes de travail et passerelles





#### COPYRIGHT PROTECTED DOCUMENT

### 

All rights reserved. Unless otherwise specified, 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 Ch. de Blandonnet 8 • CP 401 CH-1214 Vernier, Geneva, Switzerland Tel. +41 22 749 01 11 Fax +41 22 749 09 47 copyright@iso.org www.iso.org

| Contents     |  |                       |   | Page     |
|--------------|--|-----------------------|---|----------|
| For          | eword  |                       |   | iv       |
| Introduction |  |                       |   | <b>v</b> |
| 1            | Scop   | e                     |   | 1        |
| 2            | Normative references                                   |                       |   |          |
| 3            | Terms and definitions                                  |                       |   |          |
| 4            | General requirements                                   |                       |   |          |
|              | 4.1  | General               |   |          |
|              |  | 4.1.1                 | Construction and materials  |          |
|              |  | 4.1.2                 | Safe access of operators  |          |
|              | 4.2  | Specific requirements |   |          |
|              |  |                       | Location  |          |
|              |  | 4.2.2                 | Dimensions  | 3        |
|              |  | 4.2.3                 | Facilities or equipment   |          |
|              |  | 4.2.4                 | Floorings   | 6        |
|              |  | 4.2.5                 | Design and construction for working platforms and walkways          | 8        |
|              |  | 4.2.6                 | Manoeuvrable platforms and walkways                                 |          |
| 5            | Information for use for working platforms and walkways |                       |   | 9        |
| Ann          | ex A (in   | formative             | e) Different methods of determining levels of slip-resistance       | 10       |
| Ann          |  |                       | e) Significant technical changes between this part of ISO 14122 and |          |
|              | prev   | ious edit             | ion   | 11       |
| Bibliography |  |                       |   | 13       |

#### 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 documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="www.iso.org/directives">www.iso.org/directives</a>).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see <a href="https://www.iso.org/patents">www.iso.org/patents</a>).

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

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 199, Safety of machinery.

This second edition cancels and replaces the first edition (ISO 14122-2:2001), which has been technically revised. It also incorporates the Amendment ISO 14122-2:2001/Amd 1:2010.

ISO 14122 consists of the following parts, under the general title *Safety of machinery — Permanent means of access to machinery*:

- Part 1: Choice of fixed means and general requirements of access
- Part 2: Working platforms and walkways
- Part 3: Stairs, stepladders and guard-rails
- Part 4: Fixed ladders

An additional part, dealing with mobile machinery, is under preparation.