

This is a preview of "ISO 18893:2014". [Click here to purchase the full version from the ANSI store.](#)

Second edition
2014-04-15

Mobile elevating work platforms — Safety principles, inspection, maintenance and operation

*Plates-formes élévatrices mobiles de personnel — Principes de
sécurité, inspection, entretien, mise en oeuvre et utilisation*



Reference number
ISO 18893:2014(E)

© ISO 2014

This is a preview of "ISO 18893:2014". [Click here to purchase the full version from the ANSI store.](#)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

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

Published in Switzerland

This is a preview of "ISO 18893:2014". [Click here to purchase the full version from the ANSI store.](#)

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General requirements	2
4.1 Basic principles	2
4.2 System of work	3
4.3 Manuals (handbooks)	3
4.4 Record retention	4
4.5 Modifications	4
5 Maintenance	4
5.1 Preventive maintenance	4
5.2 Maintenance inspections	4
5.3 Maintenance personnel training	6
5.4 Maintenance and repair safety precautions	6
5.5 Replacement parts	7
5.6 Manufacturer's safety bulletins	7
6 Operation	7
6.1 Planning	7
6.2 Operator training	9
6.3 Familiarization	9
6.4 Assistance to operators	9
6.5 Before operation	9
6.6 Work place inspection	10
6.7 Understanding of hazardous locations	10
6.8 Specific requirements of operation	10
Annex A (informative) Pictograms of MEWP misuse	18
Bibliography	24

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 www.iso.org/directives).

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 www.iso.org/patents).

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 214, *Elevating work platforms*.

This second edition cancels and replaces the first edition (ISO 18893:2004), which has been technically revised.

This is a preview of "ISO 18893:2014". [Click here to purchase the full version from the ANSI store.](#)

Introduction

This International Standard is one of a series of standards produced by ISO/TC 214 as part of its program of work regarding standardization of terminology, ratings, general principles (technical performance requirements and risk assessment), safety requirements, test methods, maintenance, and operation for elevating work platforms used to raise (elevate) and position personnel (and related work tools and materials).

Mobile elevating work platforms (MEWPs) are machines/devices which provide protection from falling when working at height.

The entities with responsibilities related to safe use of a MEWP are established by law in some countries. This International Standard provides guidance in the identification of those responsible.

The responsibility for safe operation of a MEWP lies with employers, managers, supervisors, operators, and others using these machines/devices. This International Standard provides requirements so that appropriate MEWPs are selected for use and positioned, used, maintained, and examined for safe use.

The safe operation of a MEWP requires the use of competent authorized persons and trained operators (see ISO 18878).