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

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



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## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 18893 was prepared by Technical Committee ISO/TC 214, *Elevating work platforms*.

## 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), safe requirements, test methods, maintenance and operation for elevating work platforms used to raise (elevate) and position personnel (and related work tools and materials).

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

## 1 Scope

This International Standard applies to all Mobile Elevating Work Platforms (MEWPs) that are intended to position persons, tools and materials and which, as a minimum, consists of a work platform with controls, an extending structure and a chassis.

The technical safety requirements of this International Standard shall apply except where national or local regulations are more stringent.

For related information, see ISO 16368.

This International Standard applies to MEWPs to achieve the following objectives:

- a) prevention of personal injuries, property damage and accidents;
- b) establishment of criteria for inspection, maintenance and operation.

## 2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 16368, *Mobile elevating work platforms — Design calculations, safety requirements and test methods*

ISO 18878, *Mobile elevating work platforms — Operator (driver) training*

IEC 61057, *Aerial devices with insulating booms used for live working*

IEC TS 61813:2000, *Live working — Care, maintenance and in-service testing of aerial devices with insulating booms*

## 3 Terms and definitions

For the purpose of this document, the terms and definitions given in ISO 16368 and ISO 18878 and the following apply.

### 3.1

#### **authorized person**

person approved or assigned to perform a specific type of duty or duties at a specific location or locations at a job site

### 3.2

#### **configuration**

arrangement of elements of MEWP within intended operating limits, including variable rated loads