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## Rough-terrain trucks — Operator training — Content and methods

*Chariots tout-terrain — Formation de l'opérateur — Contenu et  
méthodes*

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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.

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](http://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](http://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 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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 4, *Rough-terrain trucks*.

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](http://www.iso.org/members.html).

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# Rough-terrain trucks — Operator training — Content and methods

## 1 Scope

This document provides information to prepare training materials and to administer training for operators of rough-terrain trucks (herein referred to as trucks).

It is applicable to trucks, as defined in ISO 10896-1, ISO 10896-2 and ISO 20297-1.

It is applicable to the handling of suspended loads covered in ISO 10896-4 and the use of non-integrated personnel work platforms covered in ISO 18479-1.

This document does not cover authorization or training requirements related to a specific worksite (for example, site rules, emergency procedures, safety systems of work).

NOTE National or local requirements can apply.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 10896-1, *Rough-terrain trucks — Safety requirements and verification — Part 1: Variable-reach trucks*

ISO 10896-2, *Rough-terrain trucks — Safety requirements and verification — Part 2: Slewing trucks*

ISO 10896-4, *Rough-terrain trucks — Safety requirements and verification — Part 4: Additional requirements for variable-reach trucks handling freely suspended loads*

ISO 11525-1, *Rough-terrain trucks — Safe use requirements — Part 1: Variable-reach trucks*

ISO 11525-2, *Rough-terrain trucks — Safe use requirements — Part 2: Slewing trucks*

ISO 11525-4, *Rough-terrain trucks — User requirements — Part 4: Additional requirements for variable-reach trucks handling freely suspended loads*

ISO 18479-1, *Rough-terrain trucks — Non-integrated personnel work platforms — Part 1: Design, safety requirements and verification*

ISO 20297-1, *Industrial trucks — Lorry-mounted trucks — Part 1: Safety requirements and verification*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 10896-1, ISO 10896-2, ISO 10896-4, ISO 18479-1 and ISO 20297-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

**3.1  
trainer**

*competent person* (3.8) who conducts the training of the *operator* (3.4)

**3.2  
trainee**

person who is being trained to become an *operator* (3.4)

**3.3  
user**

person or entity responsible for assigning an *operator* (3.4) to operate a truck and specifying the tasks to be performed

[SOURCE: ISO 11525-1:2020, 3.2]

**3.4  
operator**

person who controls the operation of the truck

[SOURCE: ISO 11525-1:2020, 3.3]

**3.5  
examiner**

*competent person* (3.8) who tests the competency of the *trainee* (3.2)

Note 1 to entry: The *trainer* (3.1) and the *examiner* (3.5) can be the same person.

**3.6  
familiarization**

necessary information provided to the *operator* (3.4) for the specific truck to be used, as equipped, regarding the features, functions, devices, limitations, and operating characteristics as defined by the manufacturer in the operator's manual including the location of the manufacturer's operator's manual

**3.7  
examination  
re-examination**

testing of the *operator's* (3.4) proficiency in, and retention of, the subject matter covered in both the theory and operational portions of the training or retraining of the *operator* (3.4)

**3.8  
competent person**

person who has acquired, through training, qualification, experience or a combination of these, the knowledge and skill enabling that person to correctly perform the required tasks

[SOURCE: ISO 11525-1:2020, 3.4]

## **4 Safe use of the truck**

The requirements on safe use of trucks in ISO 11525-1, ISO 11525-2, ISO 11525-4, as applicable, shall apply.

## **5 Requirements for training and familiarization of operators**

### **5.1 General**

**5.1.1** A trainee shall operate the truck only as part of the operator training programme. This training shall be conducted under the direct supervision of a trainer who meets the requirements of 5.2.