Technical Specification

ISO/TS 3691-8

Third edition
2026-11

Industrial trucks — Safety requirements and verification —

Part 8: Regional requirements for countries outside the European Community

Chariots de manutention — Exigences de sécurité et vérification —

Partie 8: Exigences régionales pour les pays en dehors de la Communauté européenne

Sample Document
get full document from standards.iteh.ai

Reference number
ISO/TS 3691-8:2026(en)

© ISO 2026

ISO/TS 3691-8:2026 • https://standards.iteh.ai/catalog/standards/iso/d99a7952-cd0e-483d-af2a-d4bb550d079b/iso-ts-3691-8-2026

Sample Document

get full document from standards.iteh.ai



COPYRIGHT PROTECTED DOCUMENT

© ISO 2026

All rights reserved.

This ISO publication is protected by copyright and is owned by ISO and/or its licensors.

The content of this ISO publication is provided under licence, not sold. Use is subject to the applicable licence terms issued by ISO, an ISO member body, or an authorized third-party distributor.

Except as required for implementation or expressly permitted by a separate licence, no part of this ISO publication may be reproduced, distributed, modified, used, or made available in any form or by any means – electronic or mechanical, including photocopying, scanning, recording, or posting on internal or external digital platforms.

Any use beyond the scope of the granted rights is prohibited and may result in legal action.

ISO copyright office
CP 401 • CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

ISO/TS 3691-8:2026 • https://standards.iteh.ai/catalog/standards/iso/d99a7952-cd0e-483d-af2a-d4bb550d079b/iso-ts-3691-8-2026

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **2**
4 Safety requirements and/or protective measures **3**
4.1 Regional requirements additional to or replacing those given in ISO 3691-1, ISO 3691-2, ISO 3691-3, ISO 3691-4 and ISO 3691-6 3
4.1.1 Electrical requirements 3
4.1.2 Travel speed 3
4.1.3 Brakes 3
4.1.4 Additional operation from alongside pedestrian-controlled and stand-on trucks 4
4.1.5 Liquefied petroleum gas (LPG) trucks 4
4.1.6 Lift chains 4
4.1.7 Fork arms 5
4.1.8 Platforms 5
4.1.9 Operator restraint 5
4.1.10 Electromagnetic compatibility (EMC) 5
4.1.11 Visibility 5
4.1.12 Overhead guard 6
4.1.13 User responsibilities 6
4.1.14 Marking 6
4.1.15 Noise emissions 6
4.1.16 Centre-controlled order-picking truck 6
4.1.17 Low-level order pickers 6
4.2 Regional requirements replacing those given in ISO 3691-4 for standard load centre distance, *D* 6
4.3 Regional requirements additional to or replacing those given in ISO 3691-3 7
4.3.1 Platforms equipped with a fall protection device 7
4.3.2 Anchorage points of fall protection device(s) 7
4.3.3 Operator position 7
4.3.4 Travel speed 7
4.3.5 Marking for trucks with elevating operators above 1 200 mm 7
4.3.6 Installation information for VNAs 8
4.4 Truck modification 8
4.5 Freight container handling for Australia 8
4.5.1 Introduction 8
4.5.2 Trucks 8
4.5.3 Moving and stacking empty freight containers at a height less than 6 m 9
Bibliography **10**

Sample Document
Get full document from standards.iteh.ai

© ISO 2026 – All rights reserved

ISO/TS 3691-8:2026 • https://standards.iteh.ai/catalog/standards/iso/d99a7952-cd0e-483d-af2a-d4bb550d079b/iso-ts-3691-8-2026

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.

Sample Document

This document was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

get full document from standards.iteh.ai

This third edition cancels and replaces the second edition (ISO/TS 3691-8:2019), which has been technically revised.

The main changes are as follows:

— Changes have been made to the Australian requirements in relation to electric counterbalance trucks travelling with elevated forks, operator restraints, platforms equipped with anchorage point(s) for fall protection, low-level order pickers, platforms with reference to AS 5144.3 and freight container handling.

— Changes have been made to the North American requirements in relation to brakes, visibility and guarding for platforms.

— Requirements for Canada have been added in relation to electrical, brakes, operation alongside pedestrian and stand-on trucks, fork arms, operator restraint, electromagnetic compatibility, visibility overhead guard and user responsibility.

— Standard load centre distance D table has been added.

— North America has been split into Canada and the United States of America for clarification.

— The regions have been clarified throughout the document.

— China has been added to the document.

A list of all parts in the ISO 3691 series can be found on the ISO website.

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.

© ISO 2026 – All rights reserved

ISO/TS 3691-8:2026 • https://standards.iteh.ai/catalog/standards/iso/d99a7952-cd0e-483d-af2a-d4bb550d079b/iso-ts-3691-8-2026

Introduction

The ISO 3691 series has been developed to provide globally relevant International Standards for industrial trucks. This goal was achieved with most of the issues. Where divergent regional requirements remain, these are addressed by this document.

The EN 16307 series addresses legal requirements related to European Directives that are not accepted worldwide. This document addresses requirements related to regulations and standards in force in Australia, Canada, China, Japan, South Africa and the United States of America that are not applicable elsewhere.

This document does not repeat all the technical rules that are state-of-the-art and applicable to the material used to construct the industrial truck. For these, see ISO 12100.

Sample Document

get full document from standards.iteh.ai

© ISO 2026 – All rights reserved

ISO/TS 3691-8:2026 • https://standards.iteh.ai/catalog/standards/iso/d99a7952-cd0e-483d-af2a-d4bb550d079b/iso-ts-3691-8-2026