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EN 1459:1998+A2:2010

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English Version

Safety of industrial trucks - Self-propelled variable reach trucks

Sécurité des chariots de manutention - Chariots
automoteurs à portée variable

Sicherheit von Flurförderzeugen - Kraftbetriebene Stapler
mit veränderlicher Reichweite

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 150.

This draft amendment A3, if approved, will modify the European Standard EN 1459:1998+A2:2010. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Contents

Page

Foreword.....	3
1 Modification to Clause 2	4
2 Modification to Clause 5.1	4
3 Modification to Clause 5.8.4	5

Foreword

This document (EN 1459:1998/FprA3:2011) has been prepared by Technical Committee CEN/TC 150 "Industrial Trucks - Safety", the secretariat of which is held by BSI.

This document is currently submitted to the Unique Acceptance Procedure.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document.

EN 1459:1998/FprA3:2011 (E)**1 Modifications to Clause 2**

Add the following normative references:

"EN 954-1:1996 *Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design*"

and

"EN ISO 13849-1, *Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design (ISO 13849-1:2006)*

EN ISO 13849-2; *Safety of machinery — Safety-related parts of control systems — Part 2: Validation (ISO 13849-2:2003)*".

Replace "EN 15000, *Safety of industrial trucks — Self propelled variable reach trucks — Specification, performance and test requirements for longitudinal load moment indicators and longitudinal load moment limiters*" with "EN 15000:2008, *Safety of industrial trucks — Self propelled variable reach trucks — Specification, performance and test requirements for longitudinal load moment indicators and longitudinal load moment limiters*".

2 Modification to 5.1

Replace the existing text in 5.1 with the following:

"

5.1 Starting/moving**5.1.1 Unauthorised starting**

All trucks shall be provided with a device (e. g. a key, a code, a magnetic card) which prevents starting without that device.

5.1.2 Unintended movement

Trucks shall be fitted with a device which prevents the engine being started whilst the drive-system is engaged. When the drive system direction control is in neutral, provisions shall be made to locate and maintain it in its neutral position.

5.1.3 Parking brake

A parking brake shall be provided complying with 5.2.1

5.1.4 Uncontrolled motion

On level ground the truck shall not move from rest until the drive system has been engaged

5.1.5 Inadvertent activation

Controls, which can cause a hazard due to inadvertent activation, shall be so arranged or deactivated or guarded as to minimise the risk, in particular when the operator gets into or out of the primary operator position. The deactivation device shall either be self-acting or acting by compulsory actuation of the relevant device.

5.1.6 Powered travel movement

Means shall be provided to prevent powered travel when the operator is not at the primary operating position. Powered travel shall not occur automatically when the operator returns to the primary operating position without an additional operation, e.g. by requiring resetting the direction control.

Application of the parking brake shall apply neutral travel control.

5.1.7 Non-activation of the parking brake

Means shall be provided to warn the operator if they are not at the operating position and the parking brake has not been applied."

3 Modification to 5.8.4

Replace sub-clause 5.8.4 with the following:

"

5.8.4 Longitudinal stability

Variable reach trucks shall be fitted with a longitudinal load moment indicator (LLMI) and a longitudinal load moment control (LLMC), complying with EN 15000:2008, with the following exceptions:

- in 5.1.6, 5.2.2 and 5.2.3.1 of EN 15000:2008 where it is required PLc of EN ISO 13849-1, equipment may alternatively conform to category 1 of EN 954-1:1996;
- in 5.3.2 of EN 15000:2008, where it is required PLc or PLd of EN ISO 13849-2, equipment may alternatively conform to category 3 of EN 954-1:1996.

NOTE The deviation from EN 15000:2008 is justified by the risk assessment and by the actual state of the art, considering that the date of cessation of presumption of conformity of EN 954-1:1996, initially fixed on 28.12.2009, has been postponed to 31.12.2011."