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Bar code - Multi industry transport label

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/16

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English Version

**Bar code - Multi industry transport label**

Code à barres - Etiquette de transport multisectorielle

Strichcodierung - Branchenübergreifendes  
Transportetikett

This European Standard was approved by CEN on 17 October 2015.

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This European Standard exists 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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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN 1573:2015) has been prepared by Technical Committee CEN/TC 225 “AIDC technologies”, the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1573:1996.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **Introduction**

The use of electronic data interchange (EDI) in association with the physical transport and handling of goods requires a clear and unique identifier linking the electronic data and the transport unit.

Bar coded transport labels are in widespread use in European industry. There exists a number of different standards many designed to meet the requirements of the specific industry sector. For effective and economic use within, and between, industry sectors a common multi-industry standard is a necessity.

The bar code information on the transport label may be used to access the appropriate database that contains detailed information about the transport unit, including information transmitted by electronic messages. In addition a transport label may contain other information relevant to the trading partners, either encoded in bar codes or printed in a human readable format.

This edition of EN 1573, Multi Industry Standard Label (MITL), expands on the 1996 edition by providing advice on usage of a modularized multi industry transport label that fulfils both product related requirements as well as transport requirements.

This edition also includes additional alternatives for 2D symbols and informative samples of modularized MITLs.

## 1 Scope

This European Standard:

- specifies the general requirements for the design of transport labels containing linear bar code and two-dimensional symbols for use by a wide range of industries;
- provides for traceability of transported units via a unique transport unit identifier code or 'licence plate', and supplemented where necessary by other identified data presented both in bar code and human readable form;
- provides a choice of linear bar code and two-dimensional symbologies;
- specifies quality requirements, classes of bar code density;
- provides recommendations as to label material, size and the inclusion of free text and any appropriate graphics.

This European Standard draws considerably on the content of ISO 15394:2009. As such, common material will not be repeated here but detailed references will be provided to that standard. However, this European Standard:

- defines some features in a more precise manner for use in the European context;
- provides additional advice possible since the publication of ISO 15394:2009.

This European Standard can be used as the single source, sufficient for an overview and to enable information flows to be incorporated into business systems. ISO 15394 is more relevant to those who are undertaking detailed label design, particularly compliant label generating software.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO/IEC 15416, *Information technology - Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols (ISO/IEC 15416)*

EN ISO/IEC 15438, *Information technology - Automatic identification and data capture techniques - PDF417 bar code symbology specification (ISO/IEC 15438)*

ISO 15394:2009, *Packaging — Bar code and two-dimensional symbols for shipping, transport and receiving labels*

ISO/IEC 15417, *Information technology — Automatic identification and data capture techniques — Code 128 bar code symbology specification*

ISO/IEC 15418, *Information technology — Automatic identification and data capture techniques — GS1 Application Identifiers and ASC MH10 Data Identifiers and maintenance*

ISO/IEC 15434, *Information technology — Automatic identification and data capture techniques — Syntax for high-capacity ADC media*

ISO/IEC 15459-1, *Information technology — Automatic identification and data capture techniques — Unique identification — Part 1: Individual transport units*

ISO/IEC 16388, *Information technology — Automatic identification and data capture techniques — Code 39 bar code symbology specification*

ISO/IEC 16022, *Information technology — Automatic identification and data capture techniques — Data Matrix bar code symbology specification*

ISO/IEC 18004, *Information technology — Automatic identification and data capture techniques — QR Code bar code symbology specification*

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