

STN	Informačné technológie. Rádiofrekvenčná identifikácia. Symbol RFID (mod. ISO/IEC 29160:2012).	STN EN 16656 97 7130
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Information technology - Radio frequency identification for item management - RFID Emblem (ISO/IEC 29160:2012, modified)

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. 09/14

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EUROPEAN STANDARD

EN 16656

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Information technology - Radio frequency identification for item management - RFID Emblem (ISO/IEC 29160:2012, modified)

Technologies de l'information - Identification par radiofréquence (RFID) pour la gestion d'objets - Emblème RFID (ISO/CEI 29160:2012, modifié)

Informationstechnik - Identifizierung von Waren mittels Hochfrequenz (RFID) für das Management des Warenflusses - RFID-Emblem (ISO/IEC 29160:2012, modifiziert)

This European Standard was approved by CEN on 8 May 2014.

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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

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Contents	Page
Foreword.....	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms, definitions, symbols and abbreviations	6
4 The RFID Emblem	6
4.1 General.....	6
4.2 RFID Index	6
4.3 Representation.....	6
4.4 Size.....	7
4.5 Placement.....	7
4.6 Using the RFID Emblem	8
4.7 Restrictions on use.....	8
5 Maintenance	8
5.1 General.....	8
5.2 Requesting an index assignment.....	9
5.3 Criteria for additional index assignments	9
Annex A (normative) RFID Index	10
Annex B (normative) Drawings.....	13
Annex C (normative) RFID Index assignment request form	20
Annex D (informative) Other RFID markings	21
D.1 Industry-specific marking	21
D.2 EPCglobal	21
D.2.1 EPCglobal seal	21
D.2.2 EPC certification (hardware and software)	23
D.3 Japan Automatic Identification Systems Association (JAISA).....	24
D.3.1 RFID interrogators used in general environment.....	24
D.3.1.1 Background and purpose	24
D.3.1.2 Operational guideline for RFID interrogators used in general environment.....	24
D.3.1.2.1 Terms and definitions	24
D.3.1.2.2 Product labelling	24
D.3.1.2.3 Applicable persons	25
D.3.1.2.4 Basic concept.....	25
D.3.1.2.5 Notification for specialized companies	25
D.3.1.2.6 Communication	25
D.3.2 RFID interrogators used in controlled area	25
D.3.2.1 Background and purpose	25
D.3.2.2 Operational guideline for RFID interrogators used in controlled area.....	26

D.3.2.2.1	Product labelling	26
D.3.2.2.2	Notification for specialized companies	26
D.3.2.2.3	Communication	26
Bibliography		27

Foreword

This document (EN 16656:2014) 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 December 2014, and conflicting national standards shall be withdrawn at the latest by December 2014.

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.

The modifications to ISO/IEC 29160:2012 are indicated by a vertical line in the margin.

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Introduction

Radio frequency identification (RFID) is a technology that touches all aspects of the supply chain, from manufacturing all the way to the end-use consumer.

It is important for industrial users, retailers and consumers to know when an RFID tag is present. To this end, the RFID Emblem specified in this International Standard provides the public with a readily identifiable method to inform users of the presence of RFID.

The RFID Emblem provides a visible identification of RFID transponders, interrogators, and tagged items. Visible signs inform consumers whether an item or product contains an RFID tag. Therefore, this meets one of the main requirements for consumer privacy protection.

The RFID Emblem is a public-domain object intended to augment rather than replace other emblems and logos such as recycling and CE. The RFID Emblem requires no fee for use nor does it have any membership or other use restriction or requirement, other than compliance with this International Standard.

1 Scope

This European Standard specifies the design and use of the RFID Emblem: an easily identified visual guide that indicates the presence of radio frequency identification (RFID). It does not address location of the RFID Emblem on a label. Specific placement requirements are left to application standards developers.

It also specifies an RFID Index, which can be included in the RFID Emblem and which addresses the complication added by the wide range of RFID tags (frequency, protocol and data structure). The RFID Index is a two-character code that provides specific information about compliant tags and interrogators. Successful reading of RFID tags requires knowledge of the frequency, protocol and data structure information provided by the RFID Index.

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 19762 (all parts), *Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary (ISO/IEC 19762 (all parts))*

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