



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN ISO 13143-1:2016

Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO

Perception du télépéage - Évaluation des
équipements embarqués et en bord de
route quant à la conformité avec l'ISO
12813 - Partie 1: Structure de suite

Elektronische Gebührenerhebung -
Bewertung der Konformität
fahrzeuginterner und straßenseitiger
Ausrüstung nach ISO 12813 - Teil 1:

12/2016



National Foreword

This European Standard EN ISO 13143-1:2016 was adopted as Luxembourgish Standard ILNAS-EN ISO 13143-1:2016.

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ILNAS-EN ISO 13143-1:2016

EUROPEAN STANDARD **EN ISO 13143-1**

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Supersedes CEN ISO/TS 13143-1:2011

English Version

**Electronic fee collection - Evaluation of on-board and
roadside equipment for conformity to ISO 12813 - Part 1:
Test suite structure and test purposes (ISO 13143-1:2016)**

Perception du télépéage - Évaluation des équipements
embarqués et en bord de route quant à la conformité
avec l'ISO 12813 - Partie 1: Structure de suite d'essais
et buts des essais (ISO 13143-1:2016)

Elektronische Gebührenerhebung - Bewertung der
Konformität fahrzeuginterner und straßenseitiger
Ausrüstung nach ISO 12813 - Teil 1: Struktur und
Zweck des Prüfprogrammes (ISO 13143-1:2016)

This European Standard was approved by CEN on 6 December 2016.

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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 foreword

This document (EN ISO 13143-1:2016) has been prepared by Technical Committee ISO/TC 204 “Intelligent transport systems” in collaboration with Technical Committee CEN/TC 278 “Intelligent transport systems” 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of an identical text or by endorsement, at the latest by June 2017, and conflicting national standards shall be withdrawn at the latest by June 2017.

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.

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Endorsement notice

The text of ISO 13143-1:2016 has been approved by CEN as EN ISO 13143-1:2016 without any modification.

**Electronic fee collection — Evaluation
of on-board and roadside equipment
for conformity to ISO 12813 —**

**Part 1:
Test suite structure and test purposes**

*Perception du télépéage — Évaluation des équipements embarqués et
en bord de route quant à la conformité avec l'ISO 12813 —*

Partie 1: Structure de suite d'essais et buts des essais



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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).

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For an explanation on 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 the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 204, *Intelligent transport systems*.

This first edition of ISO 13143-1 cancels and replaces the first edition of ISO/TS 13143-1:2011, which has been technically revised and incorporates the following main modifications compared to ISO/TS 13143-1:

- conversion from a Technical Specification to an International Standard;
- amendment of terms, in order to reflect harmonization of terms across electronic fee collection (EFC) standards;
- amendments to reflect changes to the underlying requirements standards, in particular ISO 12813 and ISO 14906;
- editorial and formal corrections.

A list of all parts in the ISO 13143 series can be found on the ISO website.