BS ISO 24631-1:2017

BSI Standards Publication

Radiofrequency identification of animals

Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)

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National foreword

This British Standard is the UK implementation of ISO 24631-1:2017. It supersedes BS ISO 24631-1:2009, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee AGE/6/1, Radio Frequency ID for Animals.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Second edition
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Radiofrequency identification of animals —

Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)

Identification des animaux par radiofréquence —

Partie 1: Évaluation de la conformité des transpondeurs RFID à l'ISO 11784 et à l'ISO 11785 (y compris l'attribution et l'utilisation d'un code de fabricant)

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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 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 19, *Agricultural electronics*.

This second edition cancels and replaces the first edition (ISO 24631-1:2009), which has been technically revised.

The main changes compared to the previous edition are as follows:

— a figure has been included to explain the positioning of transponders in the test coils (see 7.2);

— additional requirements for using ISO 11784 coding have been added (see Annex B);

— additional requirements have been included for manufacturers applying for a manufacturer code (see Annex D).

A list of all parts in the ISO 24631 series can be found on the ISO website.

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Introduction

ISO has appointed a registration authority (RA) competent to register manufacturer codes used in the radiofrequency identification (RFID) of animals in accordance with ISO 11784 and ISO 11785.

The registration authority for ISO 11784 and ISO 11785 can found under http://www.iso.org/iso/home/standards_development/list_of_iso_technical_committees/maintenance_agencies.htm.

This document deals with the conformance of RFID transponders, of which the main types used for animal identification are

— injectable transponders,

— electronic ear tag transponders,

— electronic ruminal bolus transponders,

— leg tag transponders, and

— tag attachments.

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