



**BSI Standards Publication**

## **Radiofrequency identification of animals**

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

## National foreword

This British Standard is the UK implementation of ISO 24631-1:2025. It supersedes BS ISO 24631-1:2017, which is withdrawn.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 committee manager.

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International  
Standard

**ISO 24631-1**

## 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 document 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](http://www.iso.org/directives)).

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

This third edition cancels and replaces the second edition (ISO 24631-1:2017), which has been technically revised.

The main changes are as follows:

- Annexes C, E and F of the previous edition have been moved to ISO 11784, and subsequent annexes have been renumbered.

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

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## 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 (see ISO 11784).

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.

The test procedures specified in this document are recognized by the Federation of European Companion Animals Veterinary Association (FECAVA) and World Small Animal Veterinarian Association (WSAVA) and, as such, can also be applied to companion animals.