



**SLOVENSKI STANDARD**  
**SIST EN ISO 16122-4:2015**  
**01-junij-2015**

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**Kmetijski in gozdarski stroji - Kontrola pršilnikov in škropilnikov tekočih gnojil v uporabi - 4. del: Nameščeni in polprenosni škropilniki (ISO 16122-4:2015)**

Agricultural and forestry machines - Inspection of sprayers and liquid fertilizer distributors in use - Part 4: Fixed and semi mobile sprayers (ISO 16122-4:2015)

Land- und Forstmaschinen - Kontrolle von in Gebrauch befindlichen Pflanzenschutzgeräten zum Ausbringen von Pflanzenschutzmitteln und flüssigen Düngemitteln - Teil 4: Fest installierte und teilbewegliche Geräte (ISO 16122-4:2015)

Matériel agricole et forestier - Contrôle des pulvérisateurs et distributeurs d'engrais liquides en service - Partie 4: Pulvérisateurs fixes et semi-mobiles (ISO 16122-4:2015)

**Ta slovenski standard je istoveten z: EN ISO 16122-4:2015**

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**ICS:**

65.060.40      Oprema za nego rastlin      Plant care equipment

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EUROPEAN STANDARD

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English Version

## Agricultural and forestry machines - Inspection of sprayers in use - Part 4: Fixed and semi-mobile sprayers (ISO 16122-4:2015)

Matériel agricole et forestier - Contrôle des pulvérisateurs  
en service - Partie 4: Pulvérisateurs fixes et semi-mobiles  
(ISO 16122-4:2015)

Land- und Forstmaschinen - Kontrolle von in Gebrauch  
befindlichen Pflanzenschutzgeräten zum Ausbringen von  
Pflanzenschutzmitteln und flüssigen Düngemitteln - Teil 4:  
Fest installierte und teilbewegliche Geräte (ISO 16122-  
4:2015)

This European Standard was approved by CEN on 4 October 2014.

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## Foreword

This document (EN ISO 16122-4:2015) has been prepared by Technical Committee ISO/TC 23 "Tractors and machinery for agriculture and forestry" in collaboration with Technical Committee CEN/TC 144 "Tractors and machinery for agriculture and forestry" the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by September 2015, and conflicting national standards shall be withdrawn at the latest by September 2015.

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

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16122-4

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**Agricultural and forestry machines —  
Inspection of sprayers in use —**

**Part 4:  
Fixed and semi-mobile sprayers**

*Matériel agricole et forestier — Contrôle des pulvérisateurs en service —*

*Partie 4: Pulvérisateurs fixes et semi-mobiles*

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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. [www.iso.org/directives](http://www.iso.org/directives)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. [www.iso.org/patents](http://www.iso.org/patents)

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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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

ISO 16122-4 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 144, *Tractors and machinery for agriculture and forestry*, in collaboration with ISO Technical Committee TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 6, *Equipment for crop protection*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

ISO 16122 consists of the following parts, under the general title *Agricultural and forestry machinery — Inspection of sprayers in use*:

- *Part 1: General*
- *Part 2: Horizontal boom sprayers*
- *Part 3: Sprayers for bush and tree crops*
- *Part 4: Fixed and semi-mobile sprayers*

## ISO 16122-4:2015(E)

### Introduction

There are two main reasons for the inspection:

- less potential risk of environmental contamination by plant protection products;
- good control of the pest with the minimum possible input of plant protection product.

In order to use plant protection products in agricultural production safely, it is necessary to define the requirements and test methods for sprayers in use. This is a relevant step after having standardized minimum requirements for new sprayers, in respect of safety hazards (see ISO 4254-6) and potential risks of environmental contamination (see ISO 16119 series).

Standardising the requirements and methods for inspection of sprayers in use, takes into consideration not only the original performance of the sprayer, but also its use, care and maintenance. This is a logical link to ensure the continued benefit arising from the supply of new sprayers of good quality.

The inspection of sprayers in use can be a mandatory requirement or adopted on a voluntary basis. In both cases further requirements, outside the scope of this standard, are necessary for the management of inspections. These include, for example, requirements for the competence of persons carrying out inspections and the frequency of inspections.

NOTE National or local regulations may also apply concerning the qualifications and competence of inspectors.

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