

SLOVENSKI STANDARD SIST EN ISO 16122-5:2021

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Kmetijski in gozdarski stroji - Kontrola škropilnikov v uporabi - 5. del: Zračni sistemi - Varstvo okolja (ISO 16122-5:2020)

Agricultural and forestry machines - Inspection of sprayers in use - Part 5: Aerial spray systems - Environmental protection (ISO 16122-5:2020)

Land- und Forstmaschinen - Pflanzenschutzgeräte - Gerätekontrolle - Teil 5: Luftfahrzeuge (ISO 16122-5:2020) ANDARD PREVIEW

Matériel agricole et forestier - Contrôle des pulvérisateurs en service - Partie 5: Systèmes aériens de pulvérisation - Protection de l'environnement (ISO 16122-5:2020)

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Ta slovenski standard je istoveten z. bd/sist ENSISO 16122-5:2020

ICS:

13.020.99 Drugi standardi v zvezi z Other standards related to varstvom okolja environmental protection
65.060.40 Oprema za nego rastlin Plant care equipment

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM **EN ISO 16122-5**

December 2020

ICS 65.060.40; 13.020.99

English Version

Agricultural and forestry machines - Inspection of sprayers in use - Part 5: Aerial spray systems (ISO 16122-5:2020)

Matériel agricole et forestier - Contrôle des pulvérisateurs en service - Partie 5: Systèmes aériens de pulvérisation (ISO 16122-5:2020) Land- und Forstmaschinen - Kontrolle von in Gebrauch befindlichen Pflanzenschutzgeräten - Teil 5: Pflanzenschutztechnik für Luftfahrzeuge -Umweltschutz (ISO 16122-5:2020)

This European Standard was approved by CEN on 5 March 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 16122-5:2020 (E)

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European foreword

This document (EN ISO 16122-5:2020) 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 June 2021, and conflicting national standards shall be withdrawn at the latest by June 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZA, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 16122-5:2020 has been approved by CEN as EN ISO 16122-5:2020 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Directive 2009/128/EC aimed to be covered

This European Standard has been prepared under Commission's standardization request "M/435 Mandate to CEN, CENELEC and ETSI for the development of standards on inspection of pesticide application equipment in use" to provide one voluntary means of conforming to essential requirements of the Directive 2009/128/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for Community action to achieve the sustainable use of pesticides.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements, of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and annex II of EU Directive 2009/128/EC

Tok STANDADD DDEVIEW						
Essential Requirements Directive 2009/128/		sub-clause(s) his ENCL ai	Remarks/Notes			
Annex II - The pesticide applicat equipment must funct reliably and be used p for its intended purpo ensuring that pesticid accurately dosed and distributed.	ion 14111c37c0bd/sist-oroperly se	16122-5:2021 477-48-44-1 ards/sis/246a901f-ee7b-46 en-iso-16122-5-2021	d7-87d9-			
- The equipment must la condition as to be fil emptied safely, easily completely and prevent of pesticides.	led and 4.1, 4.2 and					
It must permit easy are thorough cleaning.	4.2.4					
- It must ensure safe op and be controlled and of being immediately from the operator's se	capable 4.3, 4.5, 4.7, 4 stopped	8, 4.9, 4.10				
- Where necessary, adju must be simple, accur capable of being repro	ate and 4.8.1, 4.8.2, 4.	8.5				
2. Pump	4.5, 4.7.2, 5.2		direct pump testing since ost pumps on aircraft are			

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		air driven i.e. only operate when the aircraft is in flight. The specified tests should show whether the pump is adequate.
3. Agitation	4.2.7	
4. Spray liquid tank	4.2	
Measuring systems, control and regulation systems	4.2.5, 4.8	
6. Pipes and hoses	4.1.2, 4.3	
7. Filtering	4.2.2, 4.6	
8. Spray boom	4.4	
9. Nozzles	4.7	
10. Distribution	4.9	

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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INTERNATIONAL STANDARD

ISO 16122-5

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Agricultural and forestry machines — Inspection of sprayers in use —

Part 5: **Aerial spray systems**

Matériel agricole et forestier — Contrôle des pulvérisateurs en

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Partie 5: Systèmes aériens de pulvérisation
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