



SLOVENSKI STANDARD SIST EN ISO 4254-6:2010

01-april-2010

Nadomešča:
SIST EN 907:1998

Kmetijski stroji - Varnost - 6. del: Škropilnice in naprave za razdeljevanje tekočih gnojil (ISO 4254-6:2009)

Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2009)

Landmaschinen - Sicherheit - Teil 6: Pflanzenschutzgeräte (ISO 4254-6:2009)

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Matériel agricole - Sécurité - Partie 6: Pulvérisateurs et distributeurs d'engrais liquides (ISO 4254-6:2009)

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Ta slovenski standard je istoveten z: EN ISO 4254-6:2009

ICS:

65.060.40 Oprema za nego rastlin Plant care equipment

SIST EN ISO 4254-6:2010 en,fr

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EUROPEAN STANDARD

EN ISO 4254-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2009

ICS 65.060.40

Supersedes EN 907:1997

English Version

Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2009)

Matériel agricole - Sécurité - Partie 6: Pulvérisateurs et distributeurs d'engrais liquides (ISO 4254-6:2009)

Landmaschinen - Sicherheit - Teil 6: Pflanzenschutzgeräte (ISO/FDIS 4254-6:2009)

This European Standard was approved by CEN on 26 August 2009.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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COMITÉ EUROPÉEN DE NORMALISATION
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Contents	Page
Foreword.....	3
Annex ZA (informative) Relationship between this International Standard and the Essential Requirements of EU Directive Machinery Directive 98/37/EC, amended by Directive 98/79/EC	5
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC	6

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Foreword

This document (EN ISO 4254-6:2009) has been prepared by Technical Committee CEN/TC 144 "Tractors and machinery for agriculture and forestry", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 23 "Tractors and machinery for agriculture and forestry".

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 March 2010, and conflicting national standards shall be withdrawn at the latest by March 2010.

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.

This document supersedes EN 907:1997.

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 Directives.

For relationship with EU Directives, see informative Annex ZA and ZB, which are integral parts of this document.

This standard has been developed to support the Machinery Directive (98/37/EC and 2006/42/EC). However, other directives can apply to the sprayers such as:

- Pressure Equipment Directives for sprayers where the functioning depends on putting pressure on the spray tank or for sprayers with piping exceeding DN 200 or exceeding the product pressure DN x PS of 2000 for DN between 25 to 200;
- Electromagnetic Compatibility (EMC) Directive for sprayers including electronic functions.

This second edition cancels and replaces the first edition (EN 907:1997), which has been technically revised.

The following major changes were introduced:

- revision of the requirements related to the folding/unfolding of the boom in relation to the height of the power lines (5.3.2);
- addition of requirements related to the draining (5.4.3);
- addition of requirements related to the clearance zone for hitching operations (5.11);
- addition of a clause for safe maintenance and servicing on pumps and filters (5.12);
- addition of a noise clause (5.13);
- addition of Annexes ZA and ZB;
- deletion of the requirements related to the guarding of moving parts for power transmission dealt with in EN 15811:— "*Agricultural machinery - Guards for moving parts of power transmission - Guard opening with tool* (ISO/TS 28923:2007);
- deletion of the requirements related to the handheld spraying devices;

EN ISO 4254-6:2009 (E)

- deletion of EN 1553:1999 "*Agricultural machinery - Agricultural self-propelled, mounted, semi-mounted and trailed machines - Common safety requirements*" and replacement with EN ISO 4254-1:— "*Agricultural machinery - Safety – Part 1: General requirements*" (ISO 4254-1:2008).

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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Annex ZA (informative)

Relationship between this International Standard and the Essential Requirements of EU Directive Machinery Directive 98/37/EC, amended by Directive 98/79/EC

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive Machinery Directive 98/37/EC, amended by Directive 98/79/EC.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive, *except Essential Requirements 1.2.1, 1.2.7, 1.3.1 (for roll-over and tip-over hazard for self-propelled machines), 1.3.7 (limited to moving parts for power transmission), 1.3.8 A, 1.4 (limited to moving parts for power transmission), 1.5.2, 1.5.5, 1.5.9, 1.5.11, 1.5.13 (1st paragraph), 3.2.2 (2nd par., 2nd sentence), 3.3.3 (for self-propelled machines), 3.3.5 (for self-propelled machines), 3.4.3 (operator at the driving station of a self-propelled machine), 3.4.7 for PTO drive transmission shaft, 3.4.8 (for self-propelled machines), 3.5.3 (limited to dust), 3.6.3.a) and associated EFTA regulations.*

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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Annex ZB (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive Machinery Directive 2006/42/EC.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive, *except Essential Requirements 1.1.8 (4th par. 2nd sentence), 1.2.1, 1.3.1 (limited to roll-over and tip-over hazard for self-propelled machines), 1.3.7 (limited to moving parts for power transmission), 1.3.8.1, 1.4 (limited to moving parts for power transmission), 1.5.2, 1.5.5, 1.5.9, 1.5.11, 1.5.13 (1st paragraph), 3.3.3 (for self-propelled machines), 3.3.5 (for self-propelled machines), 3.4.3 (operator at the driving station of a self-propelled machine), 3.4.7 for PTO drive transmission shaft, 3.5.3 (limited to dust), 3.6.3.1 and associated EFTA regulations.*

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INTERNATIONAL
STANDARD

ISO
4254-6

Second edition
2009-09-15

**Agricultural machinery — Safety —
Part 6:
Sprayers and liquid fertilizer distributors**

Matériel agricole — Sécurité —

Partie 6: Pulvérisateurs et distributeurs d'engrais liquides

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Reference number
ISO 4254-6:2009(E)

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Published in Switzerland

Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	2
3 Terms and definitions.....	2
4 List of significant hazards	2
5 Safety requirements and/or protective measures	5
5.1 General.....	5
5.2 Stability.....	5
5.3 Spray booms	5
5.4 Spray tank.....	6
5.5 Pressure indicator (manometer)	8
5.6 Protection against overpressure.....	8
5.7 Fan.....	8
5.8 Spray liquid carrying hoses.....	9
5.9 Manual spraying stop control.....	9
5.10 Clean water tank	9
5.11 Hitching and clearance zone	9
5.12 Servicing and maintenance	10
5.13 Noise reduction at the design stage.....	11
6 Verification of the safety requirements and/or protective measures.....	11
7 Information for use	12
7.1 Instruction handbook	12
7.2 Marking	13
Bibliography	15