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NSAI Standards

Irish Standard
I.S. EN ISO 9902-6:2001&A1:2009&A2:2014

Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2001)

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I.S. EN ISO 9902-6:2001&A1:2009&A2:2014

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EN ISO 9902-6:2001/A2:2014
EN ISO 9902-6:2001/A1:2009

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 9902-6:2001/A2

June 2014

ICS 17.140.20; 59.120.30

English Version

Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2001/Amd 2:2014)

Matériel pour l'industrie textile - Code d'essai acoustique - Partie 6: Machines de production des étoffes (ISO 9902-6:2001/Amd 2:2014)

Textilmaschinen - Geräuschmessverfahren - Teil 6: Maschinen zur Herstellung textiler Flächengebilde (ISO 9902-6:2001/Amd 2:2014)

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Foreword

This document (EN ISO 9902-6:2001/A2:2014) has been prepared by Technical Committee ISO/TC 72 "Textile machinery and accessories" in collaboration with Technical Committee CEN/TC 214 “Textile machinery and accessories” the secretariat of which is held by SNV.

This Amendment to the European Standard EN ISO 9902-6:2001 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2014, and conflicting national standards shall be withdrawn at the latest by December 2014.

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

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Annex ZA
(informative)

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

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach 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 and of Part 1 of the series confers, within the limits of the scope of this standard, a presumption of conformity with Essential Requirement 1.7.4.2 (u) of that directive 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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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 9902-6:2001/A1

March 2009

ICS 59.120.30; 17.140.20

English Version

Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery - Amendment 1 (ISO 9902-6:2001/Amd 1:2009)

Matériel pour l'industrie textile - Code d'essai acoustique - Partie 6: Machines de production des étoffes - Amendement 1 (ISO 9902-6:2001/Amd 1:2009)

Textilmaschinen - Geräuschmessverfahren - Teil 6: Maschinen zur Hertsellung textiler Flächengebilde - Änderung 1 (ISO 9902-6:2001/Amd 1:2009)

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Foreword

This document (EN ISO 9902-6:2001/A1:2009) has been prepared by Technical Committee ISO/TC 72 "Textile machinery and machinery for dry-cleaning and industrial laundering" in collaboration with Technical Committee CEN/TC 214 "Textile machinery and accessories", the secretariat of which is held by SNV.

This Amendment to the European Standard EN ISO 9902-6:2001 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 9902-6

March 2001

ICS 17.140.20; 59.120.01

English version

Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2001)

Matériel pour l'industrie textile - Code d'essai acoustique - Partie 6: Machines de production des étoffes (ISO 9902-6:2001)

Textilmaschinen - Geräuschmessverfahren - Teil 6: Maschinen zur Herstellung textiler Flächengebilde (ISO 9902-6:2001)

This European Standard was approved by CEN on 15 March 2001.

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Foreword

The text of the International Standard ISO 9902-6:2001 has been prepared by Technical Committee ISO/TC 72 "Textile machinery and machinery for dry-cleaning and industrial laundering" in collaboration with Technical Committee CEN/TC 214 "Textile machinery and machinery for dry-cleaning and industrial laundry", the secretariat of which is held by SNV.

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 2001, and conflicting national standards shall be withdrawn at the latest by September 2001.

This European Standard 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 relationship with EU Directive(s), see informative Annex ZB, which is an integral part of this standard.

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Endorsement notice

The text of the International Standard ISO 9902-6:2001 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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This first edition of ISO 9902-6, together with ISO 9902-1, ISO 9902-2, ISO 9902-3, ISO 9902-4, ISO 9902-5 and ISO 9902-7, cancels and replaces ISO 9902:1993, which has been technically revised.

ISO 9902 consists of the following parts, under the general title *Textile machinery - Noise test code*:

- *Part 1: Common requirements*
- *Part 2: Spinning preparatory and spinning machinery*
- *Part 3: Nonwoven machinery*
- *Part 4: Yarn processing, cordage and rope manufacturing machinery*
- *Part 5: Weaving and knitting preparatory machinery*
- *Part 6: Fabric manufacturing machinery*
- *Part 7: Dyeing and finishing machinery*

Annex ZA of this part of ISO 9902 is for information only.

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Annex ZA
(normative)

Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

Publication	Year	Title	EN	Year
ISO 3743-1	1994	Acoustics Determination of sound power levels of noise sources Engineering methods for small, movable sources in reverberant fields Part 1: Comparison method in hard-walled test rooms	EN ISO 3743-1	1995
ISO 3744	1994	Acoustics Determination of sound power levels of noise sources using sound pressure Engineering method in an essentially free field over a reflecting plane	EN ISO 3744	1995
ISO 3746	1995	Acoustics Determination of sound power levels of noise sources using sound pressure Survey method using an enveloping measurement surface over a reflecting plane	EN ISO 3746	1995
ISO 3747	2000	Acoustics Determination of sound power levels of noise sources using sound pressure Comparison method for use in situ	EN ISO 3747	2000
ISO 9614-1	1993	Acoustics Determination of sound power levels of noise sources using sound intensity Part 1: Measurement at discrete points	EN ISO 9614-1	1995
ISO 9614-2	1996	Acoustics Determination of sound power levels of noise sources using sound intensity Part 2: Measurement by scanning	EN ISO 9614-2	1996
ISO 11201	1995	Acoustics Noise emitted by machinery and equipment Measurement of emission sound pressure levels at a work station and at other specified positions Engineering method in an essentially free field over a reflecting plane	EN ISO 11201	1995
ISO 11202	1995	Acoustics Noise emitted by machinery and equipment Measurement of emission sound pressure levels at a work station and at other specified positions Survey method in situ	EN ISO 11202	1995
ISO 11203	1995	Acoustics Noise emitted by machinery and equipment Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level	EN ISO 11203	1995

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ISO 11204	1995	Acoustics Noise emitted by machinery and equipment Measurement of emission sound pressure levels at a work station and at other specified positions Method requiring environmental corrections	EN ISO 11204	1995

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Annex ZB
(informative)

Clauses of this European Standard addressing Essential Requirements or other provisions of EU Directives

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

Machinery Directive 98/37/EC, amended by Directive 98/79/EC.

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

Compliance with this standard provides one means of conforming with specific essential requirements of the Directive(s) concerned and associated EFTA regulations.

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INTERNATIONAL STANDARD

ISO 9902-6

First edition
2001-03-15

Textile machinery — Noise test code —

Part 6: Fabric manufacturing machinery

Matériel pour l'industrie textile — Code d'essai acoustique —

Partie 6: Machines de production des étoffes

Reference number
ISO 9902-6:2001(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 9902 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 9902-6 was prepared by Technical Committee ISO/TC 72, *Textile machinery and machinery for dry-cleaning and industrial laundering*, Subcommittee SC 8, *Safety requirements for textile machinery*.

This first edition of ISO 9902-6, together with ISO 9902-1, ISO 9902-2, ISO 9902-3, ISO 9902-4, ISO 9902-5 and ISO 9902-7, cancels and replaces ISO 9902:1993, which has been technically revised.

ISO 9902 consists of the following parts, under the general title *Textile machinery — Noise test code*:

— *Part 1: Common requirements*

— *Part 2: Spinning preparatory and spinning machinery*

— *Part 3: Nonwoven machinery*

— *Part 4: Yarn processing, cordage and rope manufacturing machinery*

— *Part 5: Weaving and knitting preparatory machinery*

— *Part 6: Fabric manufacturing machinery*

— *Part 7: Dyeing and finishing machinery*

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Textile machinery — Noise test code —

Part 6:
Fabric manufacturing machinery

1 Scope

This part of ISO 9902, taken together with ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by fabric manufacturing machinery. It is applicable to engineering (grade 2) and survey (grade 3) methods, in accordance with the International Standards to which it makes normative reference.

This part of ISO 9902 covers the different types of weaving and knitting machines defined in ISO 5247 and ISO 7839, respectively. It is applicable to full-width weaving machines with shuttles, with rigid, telescopic or flexible rapiers, with projectiles, and to those with weft insertion by hydraulic (waterjet) or by pneumatic (airjet) nozzle. It is also applicable to narrow fabric weaving machines with weft insertion by shuttles or needles, to other weaving machines of the multi-phase and circular weaving types, and to Jacquard machines. This part of ISO 9902 is applicable to knitting machinery including circular knitting, flat bed knitting, warp knitting, Raschel, cotton (flat weft weaving) and stitch bonding machines.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 9902. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 9902 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 3743-1:1994, *Acoustics — Determination of sound power levels of noise sources — Engineering methods for small, movable sources in reverberant fields — Part 1: Comparison method in hard-walled test rooms*.

ISO 3744:1994, *Acoustics — Determination of sound power levels of noise sources using sound pressure — Engineering method in an essentially free field over a reflecting plane.*

ISO 3746:1995, *Acoustics — Determination of sound power levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane.*

ISO 3747:2000, *Acoustics — Determination of sound power levels of noise sources using sound pressure — Comparison method* in situ*.*

ISO 5247:1983, *Textile machinery and accessories — Weaving machines — Classification and vocabulary.*

ISO 7839:1984, *Textile machinery and accessories — Knitting machines — Classification and vocabulary.*

ISO 9614-1:1993, *Acoustics — Determination of sound power levels of noise sources using sound intensity — Part 1: Measurement at discrete points.*

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