ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 62321-7-2:2017

Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in

Détermination de certaines substances dans les produits électrotechniques - Partie 7-2: Chrome hexavalent - Détermination du chrome hexavalent (Cr

Verfahren zur Bestimmung von bestimmten Substanzen in Produkten der Elektrotechnik - Teil 7-2: Sechswertiges Chrom - Bestimmung von

06/2017

National Foreword

This European Standard EN 62321-7-2:2017 was adopted as Luxembourgish Standard ILNAS-EN 62321-7-2:2017.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62321-7-2

June 2017

ICS 31.020; 71.040.50

Supersedes EN 62321:2009 (partially)

English Version

Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (IEC 62321-7-2:2017)

Détermination de certaines substances dans les produits électrotechniques - Partie 7-2: Chrome hexavalent - Détermination du chrome hexavalent (Cr(VI)) dans les polymères et les produits électroniques par méthode colorimétrique
(IEC 62321-7-2:2017)

Verfahren zur Bestimmung von bestimmten Substanzen in Produkten der Elektrotechnik - Teil 7-2: Bestimmung von sechswertigem Chrom (Cr(VI)) in Polymeren und Elektronik durch kolorimetrische Verfahren
(IEC 62321-7-2:2017)

This European Standard was approved by CENELEC on 2017-05-02. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 111/408/CDV, future edition 1 of IEC 62321-7-2, prepared by IEC/TC 111 "Environmental standardization for electrical and electronic products and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62321-7-2:2017.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2018-02-02
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2020-05-02

This document supersedes EN 62321:2009 (partially).

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

Endorsement notice

The text of the International Standard IEC 62321-7-2.2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62321:2008	NOTE	Harmonized as EN 62321:2009.
IEC 62321-2	NOTE	Harmonized as EN 62321-2.
ISO 648	NOTE	Harmonized as EN ISO 648.

Annex ZA
(normative)
Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 62321-1	-	Determination of certain substances in electrotechnical products -- Part 1: Introduction and overview	EN 62321-1	-
ISO 3696	-	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	-

IEC 62321-7-2

Edition 1.0 2017-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Determination of certain substances in electrotechnical products – Part 7-2: Hexavalent chromium – Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method

Détermination de certaines substances dans les produits électrotechniques – Partie 7-2: Chrome hexavalent – Détermination du chrome hexavalent (Cr(VI)) dans les polymères et les produits électroniques par méthode colorimétrique

IEC 62321-7-2:2017-03(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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DETERMINATION OF CERTAIN SUBSTANCES IN ELECTROTECHNICAL PRODUCTS –

Part 7-2: Hexavalent chromium – Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method

FOREWORD

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International Standard IEC 62321-7-2 has been prepared by IEC technical committee 111: Environmental standardization for electrical and electronic products and systems.

The first edition of IEC 62321:2008 was a 'stand-alone' standard that included an introduction, an overview of test methods, a mechanical sample preparation as well as various test method clauses.

This first edition of IEC 62321-7-2 is a partial replacement of IEC 62321:2008, forming a structural revision and generally replacing Annex C. IEC 62321-7-2 is the final replacement part of the corresponding clauses in IEC 62321:2008.