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**BS EN 62321-7-1:2015**



**BSI Standards Publication**

# **Determination of certain substances in electrotechnical products**

Part 7-1: Determination of the presence of hexavalent chromium (Cr(VI)) in colorless and colored corrosion-protected coatings on metals by the colorimetric method

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The UK participation in its preparation was entrusted to Technical Committee GEL/111, Electrotechnical environment committee.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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#### **Amendments/corrigenda issued since publication**

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## EUROPÄISCHE NORM

December 2015

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English Version

Determination of certain substances in electrotechnical products  
- Part 7-1: Determination of the presence of hexavalent  
chromium (Cr(VI)) in colorless and colored corrosion-protected  
coatings on metals by the colorimetric method  
(IEC 62321-7-1:2015)

Détermination de certaines substances dans les produits  
électrotechniques - Partie 7-1: Chrome hexavalent -  
Présence de chrome hexavalent (Cr(VI)) dans les  
revêtements incolores et colorés de protection anticorrosion  
appliqués sur les métaux à l'aide de la méthode  
colorimétrique  
(IEC 62321-7-1:2015)

Verfahren zur Bestimmung von bestimmten Substanzen in  
Produkten der Elektrotechnik - Teil 7-1: Bestimmung des  
Vorliegens von sechswertigem Chrom (Cr(VI)) in farblosen  
und farbigen Korrosionsschutzüberzügen auf Metallen  
durch das kolorimetrische Verfahren  
(IEC 62321-7-1:2015)

This European Standard was approved by CENELEC on 2015-10-21. 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.

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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**

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The text of document 111/380/FDIS, future edition 1 of IEC 62321-7-1, 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 62321-7-1:2015.

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) 2016-07-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-10-21

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### **Endorsement notice**

The text of the International Standard IEC 62321-7-1:2015 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:

ISO 3613	NOTE	Harmonized as EN ISO 3613.
ISO 648	NOTE	Harmonized as EN ISO 648.
DIN EN 15205:2007	NOTE	Harmonized as EN 15205:2006..

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## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62321-1	-	Determination of certain substances in electrotechnical products -- Part 1: Introduction and overview	EN 62321-1	-
IEC 62321-2	-	Determination of certain substances in electrotechnical products -- Part 2: Disassembly, disjunction and mechanical sample preparation	EN 62321-2	-
ISO 78-2	-	Chemistry_ - Layouts for standards_ - Part_2: Methods of chemical analysis	-	-
ISO 3696	-	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	-

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