

Tehniline dokumentatsioon elektriliste ja elektrooniliste toodete hindamiseks ohtlike ainete piirangu seisukohast

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50581:2012 sisaldab Euroopa standardi EN 50581:2012 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 28.09.2012 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

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Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Documentation technique pour l'évaluation des produits électriques et électroniques par rapport à la restriction des substances dangereuses

Technische Dokumentation zur Beurteilung von Elektro- und Elektronikgeräten hinsichtlich der Beschränkung gefährlicher Stoffe

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CENELEC

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Foreword

This document (EN 50581:2012) has been prepared by CLC/TC 111X "Environment".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-07-16
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-07-16

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2011/65/EU.

For the relationship with EU Directive see informative Annex ZZ, which is an integral part of this document.

Introduction

Certain substances contained in electrical and electronic products are restricted by legislation and/or customer specifications. Manufacturers of final products therefore need to be able to demonstrate that their products meet the applicable substance restrictions.

For those restrictions that apply at the "homogeneous material" level, it is impractical for manufacturers of complex products to undertake their own testing of all materials contained in the final assembled product. Instead, manufacturers work with their suppliers to manage compliance and compile technical documentation as evidence of compliance. This approach is well recognised by both industry and enforcement authorities.

The aim of this European Standard is to specify the technical documentation that the manufacturer needs to compile in order to declare compliance with the applicable substance restrictions. In this way, this European Standard supports Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

This European Standard can also find an application in demonstrating conformity to other substance regulations worldwide.

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1 Scope

This European Standard specifies the technical documentation that the manufacturer needs to compile in order to declare compliance with the applicable substance restrictions.

The documentation of the manufacturer's management system is outside the scope of this European Standard.

2 Normative references

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.

EN 62321:2009, *Electrotechnical products — Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers) (IEC 62321:2008)*

NOTE EN 62321 will be replaced by a series of standards designated EN 62321-x.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 restricted substance

substance which is limited in its use in a product, part or material

3.2 manufacturer

natural or legal person who manufactures a product or has a product designed or manufactured, and markets that product under his name or trademark

[SOURCE: Regulation (EC) N° 765/2008 or Decision N° 768/2008/EC]

Note 1 to entry: In certain circumstances, an importer or distributor is considered a manufacturer for the purposes of Directive 2011/65/EU.

3.3 supplier

organisation that provides the manufacturer with materials, parts and/or sub-assemblies

4 Technical documentation

4.1 Overview

The manufacturer shall compile technical documentation to demonstrate that electrical and electronic products comply with substance restrictions (see 4.2 and 4.3).

4.2 Content of the technical documentation

The technical documentation shall include at least the following elements:

- a general description of the product;

NOTE 1 Directive 2011/65/EU specifies 11 product categories. The product category is one of the factors that determines which exemptions apply.

- documents for materials, parts, and/or sub-assemblies (see 4.3);
- information showing the relationship between the technical documents identified in 4.3 and the corresponding materials, parts and/or sub-assemblies in the product;