



NSAI
Standards

Irish Standard
I.S. EN 50581:2012

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

I.S. EN 50581:2012

Incorporating amendments/corrigenda issued since publication:

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English version

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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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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CENELEC

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

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Foreword

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

The following dates are fixed:

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conflicting with this document have to
be withdrawn

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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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