



NSAI
Standards

Irish Standard
I.S. EN 60546-2:2010

Controllers with analogue signals for
use in industrial-process control
systems -- Part 2: Guidance for
inspection and routine testing (IEC
60546-2:2010 (EQV))

I.S. EN 60546-2:2010

Incorporating amendments/corrigenda issued since publication:

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD

EN 60546-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2010

ICS 25.040.40

Supersedes EN 60546-2:1993

English version

Controllers with analogue signals for use in industrial-process control systems -

Part 2: Guidance for inspection and routine testing

(IEC 60546-2:2010)

Régulateurs à signaux analogiques
utilisés pour les systèmes de conduite
des processus industriels -
Partie 2: Recommandations
pour les essais d'inspection et les essais
individuels de série
(CEI 60546-2:2010)

Regler mit analogen Signalen
für die Anwendung in Systemen
der industriellen Prozesstechnik -
Teil 2: Anleitung für die Abnahme-
und Betriebsuntersuchung
(IEC 60546-2:2010)

This European Standard was approved by CENELEC on 2010-09-01. 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.

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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

The text of document 65B/660/CDV, future edition 2 of IEC 60546-2, prepared by SC 65B, Devices & process analysis, of IEC TC 65, Industrial-process measurement, control and automation, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60546-2 on 2010-09-01.

This European Standard supersedes EN 60549-2:1993.

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

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2011-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2013-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60546-2:2010 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

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

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60546-1	2010	Controllers with analogue signals for use in industrial-process control systems - Part 1: Methods of evaluating the performance	EN 60546-1	201X ¹⁾

¹⁾ At draft stage.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONTROLLERS WITH ANALOGUE SIGNALS FOR USE
IN INDUSTRIAL-PROCESS CONTROL SYSTEMS –****Part 2: Guidance for inspection and routine testing**

FOREWORD

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International Standard IEC 60546-2 has been prepared by subcommittee 65B: Devices and process analysis, of IEC technical committee 65: Industrial-process measurement, control and automation.

This second edition cancels and replaces the first edition, published in 1987. This second edition constitutes a minor technical revision made to bring some terms, measurement units and references up to date.

The text of this standard is based on the following documents:

CDV	Report on voting
65B /660/CDV	65B /718A/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 60546 series, under the general title: *Controllers with analogue signals for use in industrial-process control systems*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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