



SLOVENSKI STANDARD
kSIST FprEN ISO 16810:2013
01-november-2013

Neporušitveno preskušanje - Ultrazvočne preiskave - Splošna načela (ISO 16810:2012)

Non-destructive testing - Ultrasonic testing - General principles (ISO 16810:2012)

Zerstörungsfreie Prüfung - Ultraschallprüfung - Allgemeine Grundsätze (ISO 16810:2012)

Essais non destructifs - Contrôle par ultrasons - Principes généraux (ISO 16810:2012)

Ta slovenski standard je istoveten z: FprEN ISO 16810

ICS:

19.100 Neporušitveno preskušanje Non-destructive testing

kSIST FprEN ISO 16810:2013

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

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August 2013

ICS 19.100

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English Version

Non-destructive testing - Ultrasonic testing - General principles (ISO 16810:2012)

Essais non destructifs - Contrôle par ultrasons - Principes
généraux (ISO 16810:2012)

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 138.

If this draft becomes a European Standard, CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Foreword

The text of ISO 16810:2012 has been prepared by Technical Committee ISO/TC 135 “Non-destructive testing” of the International Organization for Standardization (ISO) and has been taken over as FprEN ISO 16810:2013 by Technical Committee CEN/TC 138 “Non-destructive testing” the secretariat of which is held by AFNOR.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 583-1:1998.

Endorsement notice

The text of ISO 16810:2012 has been approved by CEN as FprEN ISO 16810:2013 without any modification.

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INTERNATIONAL STANDARD

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Essais non destructifs — Contrôle par ultrasons — Principes généraux

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 16810 was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing*.

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Introduction

This International Standard is based on EN 583-1:1998, *Non-destructive testing — Ultrasonic examination — Part 1: General principles*.

The following International Standards are linked.

ISO 16810, *Non-destructive testing — Ultrasonic testing — General principles*

ISO 16811, *Non-destructive testing — Ultrasonic testing — Sensitivity and range setting*

ISO 16823, *Non-destructive testing — Ultrasonic testing — Transmission technique*

ISO 16826, *Non-destructive testing — Ultrasonic testing — Examination for discontinuities perpendicular to the surface*

ISO 16827, *Non-destructive testing — Ultrasonic testing — Characterization and sizing of discontinuities*

ISO 16828, *Non-destructive testing — Ultrasonic testing — Time-of-flight diffraction technique as a method for detection and sizing of discontinuities*

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