



SLOVENSKI STANDARD SIST EN ISO 20484:2017

01-julij-2017

Nadomešča:
SIST EN 1330-8:2002

Neporušitvene preiskave - Preskušanje tesnosti - Slovar (ISO 20484:2017)

Non-destructive testing - Leak testing - Vocabulary (ISO 20484:2017)

Zerstörungsfreie Prüfung - Dichtheitsprüfung - Begriffe (ISO 20484:2017)

Essais non-destructifs - Contrôle d'étanchéité - Vocabulaire (ISO 20484:2017)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Ta slovenski standard je istoveten z: EN ISO 20484:2017

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-f117f15648d6/sist-en-iso-20484-2017>

ICS:

01.040.19	Preskušanje (Slovarji)	Testing (Vocabularies)
19.100	Neporušitveno preskušanje	Non-destructive testing

SIST EN ISO 20484:2017

en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20484:2017](https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017)

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 20484

April 2017

ICS 01.040.19; 19.100

Supersedes EN 1330-8:1998

English Version

Non-destructive testing - Leak testing - Vocabulary (ISO 20484:2017)

Essais non-destructifs - Contrôle d'étanchéité -
Vocabulaire (ISO 20484:2017)

Zerstörungsfreie Prüfung - Dichtheitsprüfung - Begriffe
(ISO 20484:2017)

This European Standard was approved by CEN on 5 February 2017.

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. 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 CEN 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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20484:2017](https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017)
<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>

European foreword

This document (EN ISO 20484:2017) has been prepared by Technical Committee ISO/TC 135 "Non-destructive testing" in collaboration with Technical Committee CEN/TC 138 "Non-destructive testing" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2017, and conflicting national standards shall be withdrawn at the latest by October 2017.

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

This document supersedes EN 1330-8:1998.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

PREVIEW
(standards.iteh.ai)

Endorsement notice

The text of ISO 20484:2017 has been approved by CEN as EN ISO 20484:2017 without any modification.

SIST EN ISO 20484:2017
<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4c-fd17f45648d6/sist-en-iso-20484-2017>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20484:2017](https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017)

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>

INTERNATIONAL
STANDARD

ISO
20484

First edition
2017-03

**Non-destructive testing — Leak testing
— Vocabulary**

Essais non-destructifs — Contrôle d'étanchéité — Vocabulaire

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20484:2017](https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017)

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>



Reference number
ISO 20484:2017(E)

© ISO 2017

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 20484:2017

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
3.1 Atomic/molecular structure.....	1
3.2 Pressure and vacuum.....	1
3.3 Gas-solid interaction.....	1
4 Terms relating to gas.....	2
4.1 Properties of gases.....	2
4.2 Flow of gas.....	2
5 Terms relating to test techniques.....	4
5.1 Test techniques.....	4
5.2 Test equipment.....	5
5.3 Test equipment components.....	6
6 Terms relating to test procedure.....	7
6.1 Preparation/calibration.....	7
6.2 Test techniques.....	8
6.3 Performance limits.....	8

ITeH STANDARD PREVIEW

(standards.iteh.ai)

SIST EN ISO 20484:2017

<https://standards.iteh.ai/catalog/standards/sist/e87c62f6-b322-473e-bb4e-fd17f45648d6/sist-en-iso-20484-2017>

ISO 20484:2017(E)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html (standards.iteh.ai)

ISO 20484 was prepared by the European Committee Standardization (CEN) Technical Committee CEN/TC 138, *Leak testing*, in collaboration with ISO Technical Committee TC 135, *Non-destructive testing*, Subcommittee SC 6, *Leak testing*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This document is based on and replaces the European standard EN 1330-8:1998, *Non-destructive testing — Terminology — Part 8: Terms used in leak tightness testing*.

Introduction

The series of European standards, EN 1330, comprises 10 parts prepared separately by groups of experts, each group consisting of experts in a given NDT (non-destructive testing) method (for EN 1330-3 to EN 1330-10).

A comparative examination of these parts has shown the existence of common terms that are often defined differently. These terms have been taken from EN 1330-3 to EN 1330-10 and then split into two categories:

- general terms corresponding to other fields such as physics, electricity, metrology, etc. and already defined in international documents; these terms are the subject of EN 1330-1;
- common terms specific to NDT; these terms, the definitions of which have been harmonized in an Ad Hoc group, are the subject of EN 1330-2.

In view of the nature of the approach taken, the list of terms in EN 1330-1 and EN 1330-2 are in no way exhaustive.

EN 1330 consists of the following parts:

- *Part 1: General terms*
- *Part 2: Terms common to the non-destructive testing methods*
- *Part 3: Terms used in industrial radiographic testing*
- *Part 4: Terms used in ultrasonic testing*
- *Part 7: Terms used in magnetic particle testing*
- *Part 9: Terms used in acoustic emission*
- *Part 10: Terms used in visual examination*

NOTE 1 ISO 12718 replaced EN 1330-5.

NOTE 2 ISO 12706 was published formerly as the draft European standard prEN 1330-6.