



# SLOVENSKI STANDARD SIST EN ISO 18490:2015

01-september-2015

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## Neporušitvene preiskave - Vrednotenje ostrine vida za osebe, ki izvaja neporušitvene preiskave (NDT) (ISO 18490:2015)

Non-destructive Testing - Evaluation of vision acuity of NDT personnel (ISO 18490:2015)

Zerstörungsfreie Prüfung - Bewertung der Sehschärfe des Personals für die ZfP (ISO 18490:2015)

Essais non destructifs - Evaluation de l'acuité visuelle du personnel END (ISO 18490:2015)

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Ta slovenski standard je istoveten z: EN ISO 18490:2015

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### ICS:

03.100.30	Vodenje ljudi	Management of human resources
19.100	Neporušitveno preskušanje	Non-destructive testing

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EUROPEAN STANDARD

EN ISO 18490

NORME EUROPÉENNE

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English Version

## Non-destructive Testing - Evaluation of vision acuity of NDT personnel (ISO 18490:2015)

Essais non destructifs - Evaluation de l'acuité visuelle du personnel END (ISO 18490:2015)

Zerstörungsfreie Prüfung - Bestimmung der Sehfähigkeit von ZfP-Personal (ISO 18490:2015)

This European Standard was approved by CEN on 12 March 2015.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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## Foreword

This document (EN ISO 18490:2015) has been prepared by Technical Committee CEN/TC 138 "Non-destructive testing", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 135 "Non-destructive testing".

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 December 2015, and conflicting national standards shall be withdrawn at the latest by December 2015.

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.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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INTERNATIONAL  
STANDARD

ISO  
18490

First edition  
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**Non-destructive testing — Evaluation  
of vision acuity of NDT personnel**

*Essais non destructifs — Évaluation de l'acuité visuelle du personnel END*

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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

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## ISO 18490:2015(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](http://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](http://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 meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

ISO 18490 was prepared by European Committee for Standardization (CEN) in collaboration with ISO/TC 135, *Non-destructive testing, SC 7, Personnel Qualification*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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## Introduction

Standards for NDT Personnel qualification and certification require that the visual acuity of inspection personnel is verified as being appropriate to their function. By meeting the near vision acuity level defined in this International Standard, such requirements of ISO 9712 and EN 4179 will be met. The purpose of this International Standard is to provide a detailed, standardised procedure for the evaluation of near vision acuity for such personnel under defined lighting conditions.

The test is not medical in nature and is intended to objectively ensure adequate near vision perception without reliance on reading ability or text identification. Because it is extremely difficult to demonstrate any equivalency in near vision tests, this International Standard has been prepared in order that an international system may be used without any need to demonstrate equivalence and is the recommended method of determining near vision acuity for NDT Personnel.

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