

<b>STN</b>	<b>Zváranie</b> <b>Pokyny na meranie teploty predhrevu,</b> <b>medzihúsenicovej teploty a teploty počas zvárania</b> <b>(ISO 13916: 2017)</b>	<b>STN</b> <b>EN ISO 13916</b>  05 0020
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Welding - Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:2017)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/18

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Oznámením tejto normy sa ruší  
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EUROPEAN STANDARD

**EN ISO 13916**

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EUROPÄISCHE NORM

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Supersedes EN ISO 13916:1996

English Version

**Welding - Measurement of preheating temperature,  
interpass temperature and preheat maintenance  
temperature (ISO 13916:2017)**

Soudage - Mesurage de la température de  
préchauffage, de la température entre passes et de la  
température de maintien du préchauffage (ISO  
13916:2017)

Schweißen - Anleitung zur Messung der Vorwärm-,  
Zwischenlagen- und Haltetemperatur (ISO  
13916:2017)

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

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN ISO 13916:2017 (E)**

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## **European foreword**

This document (EN ISO 13916:2017) has been prepared by Technical Committee ISO/TC 44 “Welding and allied processes” in collaboration with Technical Committee CEN/TC 121 “Welding and allied processes” the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by June 2018 and conflicting national standards shall be withdrawn at the latest by June 2018.

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

This document supersedes EN ISO 13916:1996.

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.

### **Endorsement notice**

The text of ISO 13916:2017 has been approved by CEN as EN ISO 13916:2017 without any modification.



# INTERNATIONAL STANDARD

**ISO**  
**13916**

Second edition  
2017-10

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## **Welding — Measurement of preheating temperature, interpass temperature and preheat maintenance temperature**

*Soudage — Mesurage de la température de préchauffage, de la  
température entre passes et de la température de maintien du  
préchauffage*



Reference number  
ISO 13916:2017(E)

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## ISO 13916:2017(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](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)).

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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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, *Quality management in the field of welding*.

This second edition cancels and replaces the first edition (ISO 13916:1996), which has been technically revised.

Requests for official interpretations of any aspect of this document should be directed to the Secretariat of ISO/TC 44/SC 10 via your national standards body. A complete listing of these bodies can be found at [www.iso.org](http://www.iso.org).

# **Welding — Measurement of preheating temperature, interpass temperature and preheat maintenance temperature**

## **1 Scope**

This document specifies requirements for the measurement of preheating temperature, interpass temperature and preheat maintenance temperature for fusion welding. This document can also be applied as appropriate in the case of other welding processes. This document does not cover the measurement of post weld heat treatment temperatures.

## **2 Normative references**

There are no normative references in this document.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**