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Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding (ISO 15609-2:2019)

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. 03/20

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Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding (ISO 15609-2:2019)

Descriptif et qualification d'un mode opératoire de soudage pour les matériaux métalliques - Descriptif d'un mode opératoire de soudage - Partie 2: Soudage aux gaz (ISO 15609-2:2019)

Anforderung und Qualifizierung von Schweißverfahren für metallische Werkstoffe - Schweißanweisung - Teil 2: Gasschweißen (ISO 15609-2:2019)

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EN ISO 15609-2:2019 (E)

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European foreword

This document (EN ISO 15609-2:2019) 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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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 15609-2:2001.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 15609-2:2019 has been approved by CEN as EN ISO 15609-2:2019 without any modification.

INTERNATIONAL STANDARD

ISO 15609-2

Second edition
2019-08

Specification and qualification of welding procedures for metallic materials — Welding procedure specification —

Part 2: Gas welding

*Descriptif et qualification d'un mode opératoire de soudage pour
les matériaux métalliques — Descriptif d'un mode opératoire de
soudage —*

Partie 2: Soudage aux gaz



Reference number
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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.

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).

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For an explanation of 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 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*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Official interpretations of TC 44 documents, where they exist, are available from this page: <https://committee.iso.org/sites/tc44/home/interpretation.html>.

This second edition cancels and replaces the first edition (ISO 15609-2:2001), which has been technically revised.

The main changes compared to the previous edition are as follows:

- [Clause 2](#) has been updated;
- editorial changes have been made;
- surface conditions have been added in [4.4.4](#);
- new Subclauses [4.4.6](#), [4.4.7](#) and [4.4.10](#) have been added;
- Subclause [4.4.11](#) (former [4.4.9](#)) regarding pre-heat temperature has been technically revised;
- [Annex A](#) has been revised.

A list of all parts in the ISO 15609 series can be found on the ISO website.

Introduction

All new welding procedure specifications need to be prepared in accordance with this document from the date of its publication. However, this document does not invalidate previous welding procedure specifications made to former standards or specifications, or previous editions of this document.

Specification and qualification of welding procedures for metallic materials — Welding procedure specification —

Part 2: Gas welding

1 Scope

This document specifies requirements for the content of welding procedure specifications for gas welding processes.

Details of the ISO 15609 series are given in ISO 15607. The variables listed in this document are those influencing the quality of the welded joint.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 4063, *Welding and allied processes — Nomenclature of processes and reference numbers*

ISO 6947, *Welding and allied processes — Welding positions*

ISO 15607, *Specification and qualification of welding procedures for metallic materials — General rules*

ISO/TR 25901 (all parts), *Welding and allied processes — Vocabulary*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN