

SLOVENSKI STANDARD

SIST EN ISO 15615:2023

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Nadomešča:
SIST EN ISO 15615:2013

Oprema za plamensko varjenje - Baterije acetilenskih jeklenk za varjenje, rezanje in sorodne postopke - Varnostne zahteve za visokotlačne naprave (ISO 15615.2:2022)

Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices (ISO 15615:2022)

Gasschweißgeräte - Acetylenflaschen-Batterieanlagen für Schweißen, Schneiden und verwandte Prozesse - Sicherheitsanforderungen für Hochdruckeinrichtungen (ISO 15615.2:2022)

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Matériel de soudage aux gaz - Centrales de détente pour la distribution d'acétylène pour le soudage, le coupage et les techniques connexes - Exigences de sécurité pour les dispositifs haute pression (ISO 15615:2022)

Ta slovenski standard je istoveten z: EN ISO 15615:2022

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25.160.30 Varilna oprema Welding equipment

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English Version

Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - Safety requirements in high-pressure devices (ISO 15615:2022)

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This European Standard was approved by CEN on 20 October 2022.

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European foreword

This document (EN ISO 15615:2022) 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of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by May 2023.

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.

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Endorsement notice

The text of ISO 15615:2022 has been approved by CEN as EN ISO 15615:2022 without any modification.

INTERNATIONAL
STANDARD

ISO
15615

Third edition
2022-10

Gas welding equipment — Acetylene manifold systems for welding, cutting and allied processes — Safety requirements in high-pressure devices

Matériel de soudage aux gaz — Centrales de détente pour la distribution d'acétylène pour le soudage, le coupage et les techniques connexes — Exigences de sécurité pour les dispositifs haute pression

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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.

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 15615:2013), which has been technically revised.

The main changes are as follows:

- the manual quick-acting shut-off valve has been removed because it is no longer state of the art;
- the remotely actuated shut-off valve has been removed because it is no longer state of the art;
- in [3.8](#) the definition of change-over unit has been added;
- in [5.2.6](#) a requirement has been added;
- in [5.3.4](#) the additional requirements for three-way valves have been clarified;
- in [5.3.6](#) specific requirements for pressure gauges have been added;
- new [subclause 6.4](#) on external gas leakage test has been added;
- in [6.7.2](#) tolerances have been added;
- in [6.7.3](#) a minimum value for vacuum has been added;
- in [6.7.4.4](#) the test conditions for three-way valves have been clarified;
- in [6.8.2](#) other comparable test methods for leakage have been permitted;
- in [6.8.3](#) a minimum settling time of pressure has been added;

— in [Clause 8](#) the kind of device has been added to the marking.

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

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