

SRI LANKA STANDARD ISO 5817 : 2015
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**WELDING – FUSION – WELDED JOINTS IN
STEEL, NICKEL, TITANIUM AND THEIR
ALLOYS (BEAM WELDING EXCLUDED) –
QUALITY LEVELS FOR IMPERFECTIONS**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
WELDING – FUSION – WELDED JOINTS IN STEEL, NICKEL, TITANIUM AND
THEIR ALLOYS (BEAM WELDING EXCLUDED) – QUALITY LEVELS FOR
IMPERFECTIONS

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SRI LANKA

Sri Lanka Standard
WELDING – FUSION - WELDED JOINTS IN STEEL, NICKEL, TITANIUM AND
THEIR ALLOYS (BEAM WELDING EXCLUDED) – QUALITY LEVELS FOR
IMPERFECTIONS

NATIONAL FOREWORD

This standard was approved by the Sectoral Committee on Materials, Mechanical Systems and Manufacturing Engineering and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2015-12-22.

This Sri Lanka Standard is identical with **ISO 5817 : 2014**, Welding – Fusion - Welded Joints in Steel, Nickel, Titanium and their Alloys (Beam Welding Excluded) – Quality Levels for Imperfections, published by the International Organization for Standardization (ISO).

TERMINOLOGY AND CONVENTIONS

The text of the International Standard has been accepted as suitable for publication, without any deviation as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to this standard they should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards, it is the current practice to use a full point on the baseline as the decimal marker.

Wherever page numbers are quoted, they are “ISO” page numbers.

CROSS REFERENCES

There are no Corresponding Sri Lanka standards for International Standards listed under references in **ISO 5817 : 2014**

INTERNATIONAL
STANDARD

SLS ISO 5817:2015

ISO
5817

Third edition
2014-02-15

**Welding — Fusion-welded joints in
steel, nickel, titanium and their alloys
(beam welding excluded) — Quality
levels for imperfections**

*Soudage — Assemblages en acier, nickel, titane et leurs alliages
soudés par fusion (soudage par faisceau exclu) — Niveaux de qualité
par rapport aux défauts*



Reference number
ISO 5817:2014(E)

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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. www.iso.org/directives

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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](#)

The committee responsible for this document is ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, *Unification of requirements in the field of metal welding*.

This third edition cancels and replaces the second edition (ISO 5817:2003), which has been technically revised. It also incorporates Technical Corrigendum ISO 5817:2003/Cor 1:2006.

Requests for official interpretations of any aspect of this International Standard 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.