

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

धात्विक सामग्रियों की संलयन वेल्डिंग हेतु गुणवत्ता की आवश्यकतायें
भाग 5 दस्तावेज जो आई एस ओ 3834-2, आई एस ओ 3834-3 या आई एस ओ 3834-4 की
गुणवत्ता की आवश्यकताओं के अनुरूप होने के लिए आवश्यक हैं

[आई एस 15326 (भाग 5) का दूसरा पुनरीक्षण]

Draft Indian Standard

QUALITY REQUIREMENTS FOR FUSION WELDING OF METALLIC MATERIALS

**PART 5 DOCUMENTS WITH WHICH IT IS NECESSARY TO CONFORM TO CLAIM
CONFORMITY TO THE QUALITY REQUIREMENTS OF ISO 3834-2, ISO 3834-3 OR ISO
3834-4**

[*Second Revision of IS 15326 (Part 5)*]

ICS 25.160.01

Welding General and its Applications
Sectional Committee, MTD 11

Last date of comments
24 December 2024

NATIONAL FOREWORD

This draft standard is identical to ISO 3834-5 : 2021 'Quality requirements for fusion welding of metallic materials Part 5 Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4' issued by the International Organization for Standardization (ISO), and subject to its finalization, is to be adopted by the Bureau of Indian Standards on the recommendation of the Welding General and its Applications Sectional Committee and approval of the Metallurgical Engineering Division Council.

This standard was originally published in 2003 and subsequently revised in 2019. The first revision of this standard was undertaken in 2019 to align it with the ISO 3834-5 : 2015. This revision has been undertaken to align it with the latest version of ISO 3834-5 : 2021 under dual numbering system to harmonize it with the latest developments that have taken place at international level.

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

- a) Annex A has been deleted;
- b) The list of welding processes has been expanded, e.g. laser-arc hybrid welding; and
- c) Normative references have been moved to the bibliography as none are referenced normatively in the document.

This Indian Standard is published in five parts. The other parts in this series are:

- Part 1 Criteria for the Selection of the Appropriate Level of Quality Requirements
- Part 2 Comprehensive quality requirements
- Part 3 Standard quality requirements
- Part 4 Elementary quality requirements

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical-values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

The scope of the standard is as follows:

SCOPE

This document specifies the International Standards, including clauses and subclauses, with which conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4 can be claimed.

NOTE For brazing, see ISO 22688.

The complete document/text of ISO 3834-5 : 2021 'Quality requirements for fusion welding of metallic materials Part 5 Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4' may be made available, on request to:

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