

# International Standard

ISO 15614-5

Second edition 2024-02

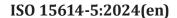
Specification and qualification of welding procedures for metallic materials — Welding procedure test —

Part 5:

Arc welding of titanium, zirconium and their alloys

Descriptif et qualification d'un mode opératoire de soudage pour des matériaux métalliques — Épreuve de qualification d'un mode opératoire de soudage —

Partie 5: Soudage à l'arc sur titane, zirconium et leurs alliages





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# ISO 15614-5:2024(en)

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#### **Foreword**

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, *Quality management in the field of welding*, 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 second edition cancels and replaces the first edition (ISO 15614-5:2004), which has been technically revised.

The main changes are as follows:

- normative references updated;
- Table 2 and Table 3 revised using the same format as ISO 15614-1;
- reference to EN 439 replaced with ISO 14175;
- process numbers updated in accordance with ISO 4063;
- Annex A updated.

A list of all parts in the ISO 15614 series can be found on the ISO website.

questions on this document should he directed to the Anv user's national standards body. complete listing of these bodies be found can www.iso.org/members.html. Official interpretations of ISO/TC 44 documents, where they exist, are available from this page: <a href="https://committee.iso.org/sites/tc44/home/interpretation.html">https://committee.iso.org/sites/tc44/home/interpretation.html</a>.

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## Introduction

All new welding procedure tests are intended to be carried out in accordance with this document. However, this document does not invalidate previous welding procedure tests made to former national standards or specifications or the previous edition of this document.

Where additional tests have to be carried out to make a qualification technically equivalent, these should be done on a test piece which is made in accordance with this document.