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

**Part 10:  
Hyperbaric dry welding**

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

*Partie 10: Soudage hyperbare en caisson*

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# Contents

Page

|  |    |
|--|----|
| Foreword .....   | iv |
| Introduction .....   | v  |
| 1 Scope .....  | 1  |
| 2 Normative references .....                               | 1  |
| 3 Terms and definitions .....                              | 2  |
| 4 Preliminary welding procedure specification (pWPS) ..... | 2  |
| 5 Welding procedure test .....                             | 3  |
| 6 Test piece .....   | 3  |
| 6.1 General .....  | 3  |
| 6.2 Shape and dimensions of test pieces .....              | 3  |
| 6.3 Welding of test pieces .....                           | 3  |
| 7 Examination and testing .....                            | 4  |
| 7.1 Extent of testing .....                                | 4  |
| 7.2 Location and cutting of test specimens .....           | 4  |
| 7.3 Non-destructive testing .....                          | 4  |
| 7.4 Destructive tests .....                                | 4  |
| 7.5 Re-testing .....                                       | 4  |
| 8 Range of qualification .....                             | 4  |
| 8.1 General .....  | 4  |
| 8.2 Related to the manufacturer .....                      | 5  |
| 8.3 Related to the parent material .....                   | 5  |
| 8.4 Common to all welding procedures .....                 | 5  |
| 8.5 Specific to processes .....                            | 7  |
| 8.6 Specific to hyperbaric environment .....               | 7  |
| 9 Welding procedure qualification record (WPQR) .....      | 8  |

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 15614-10 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*.

ISO 15614 consists of the following parts, under the general title *Specification and qualification of welding procedures for metallic materials — Welding procedure test*.

- *Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys*
- *Part 2: Arc welding of aluminium and its alloys*
- *Part 3: Arc welding of cast iron*
- *Part 4: Finishing welding of aluminium castings*
- *Part 5: Arc welding of titanium, zirconium and their alloys*
- *Part 6: Arc welding of copper and its alloys*
- *Part 7: Overlay welding*
- *Part 8: Welding of tubes to tube-plate joints*
- *Part 9: Arc underwater hyperbaric wet welding*
- *Part 10: Hyperbaric dry welding:*
- *Part 11: Electron and laser beam welding*
- *Part 12: Spot, seam and projection welding*
- *Part 13: Resistance butt and flash welding*

## Introduction

All new welding procedure qualifications are to be carried out in accordance with this part of ISO 15614 from the date of publication.

This part of ISO 15614 does not invalidate previously qualified welding procedures in accordance with other standards or specifications, providing the technical requirements are satisfied and the previous qualifications are relevant to the application and production work on which they are to be employed.

Where additional tests have to be carried out to make the qualification technically equivalent, it is only necessary to do the additional tests in accordance with this part of ISO 15614.

Requested for official interpretations of any aspect of this standard should be directed to the Secretariat of ISO/TC 44 via your national standards body, a complete listing of which can be found at [www.iso.org](http://www.iso.org).

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