

This is a preview of "ISO 9606-4:1999". [Click here to purchase the full version from the ANSI store.](#)

First edition
1999-04-01

Approval testing of welders — Fusion welding —

Part 4: Nickel and nickel alloys

*Épreuve de qualification des soudeurs — Soudage par fusion —
Partie 4: Nickel et ses alliages*



Reference number
ISO 9606-4:1999(E)

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 3.

Draft International Standards adopted by the Technical Committees are circulated to member bodies for voting. Publication as an International Standard requires approval by at least 75 % of member bodies casting a vote.

International Standard ISO 9606-4 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 44, *Welding and allied processes*, Subcommittee SC 11, *Approval requirements for welding and allied processes personnel*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this standard, read "...this European Standard..." to mean "...this International Standard...".

ISO 9606 consists of the following parts, under the general title *Approval testing of welders — Fusion welding*:

- *Part 1: Steels*
- *Part 2: Aluminium and aluminium alloys*
- *Part 3: Copper and copper alloys*
- *Part 4: Nickel and nickel alloys*
- *Part 5: Titanium and titanium alloys*
- *Part 6: Magnesium and magnesium alloys*

© ISO 1999

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland

This is a preview of "ISO 9606-4:1999". [Click here to purchase the full version from the ANSI store.](#)

Annexes A and ZA of this part of ISO 9606 are for information only.

For the purposes of this part of ISO 9606, the CEN annex regarding fulfilment of European Council Directives has been removed.

This is a preview of "ISO 9606-4:1999". [Click here to purchase the full version from the ANSI store.](#)

Contents

	Page
1 Scope.....	1
2 Normative references	1
3 Definitions	2
4 Symbols and abbreviations	2
5 Essential variables for approval testing	3
6 Range of approval for the welder	5
7 Examination and testing	8
8 Acceptance requirements for test pieces.....	15
9 Re-tests.....	15
10 Period of validity	15
11 Certificate.....	16
12 Designation.....	16
Annex A Job knowledge	18
Annex ZA Bibliography	20