
**Health and safety in welding and allied
processes — Laboratory method for
sampling fume and gases —**

Part 4:
Fume data sheets

AMENDMENT 1

*Hygiène et sécurité en soudage et techniques connexes — Méthode de
laboratoire d'échantillonnage des fumées et des gaz —*

Partie 4: Fiches d'information sur les fumées

AMENDEMENT 1



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2008

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 either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

Amendment 1 to ISO 15011-4:2006 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 44, *Welding and allied processes*, Subcommittee SC 9, *Health and safety*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Requests for official interpretations of any aspect of this Amendment to ISO 15011-4:2006 should be directed to the Secretariat of ISO/TC 44/SC 9 via your national standards body. A complete listing of these bodies can be found at www.iso.org.

Health and safety in welding and allied processes — Laboratory method for sampling fume and gases —

Part 4: Fume data sheets

AMENDMENT 1

Page iv, Foreword

In the listing of parts, delete

“— *Part 3: Determination of ozone concentration using fixed point measurements*”

Insert

“— *Part 3:—¹⁾, Determination of ozone emission rate*”

Insert “[Technical Specification]” at the end of the title of Part 5.

Insert at the end of the list

“The following part is planned:

— *Part 6: Procedure for quantitative determination of fume from resistance spot welding [Technical Specification]*”

Add a final paragraph:

“Requests for official interpretations of any aspect of this part of ISO 15011 should be directed to the Secretariat of ISO/TC 44/SC 9 via your national standards body. A complete listing of these bodies can be found at www.iso.org.”

Page 6, Table 3, column 3, row 5, entitled “Voltage”

Replace the text with the following:

“For solid wires, use open-arc conditions.

For argon-based and helium-based shielding gases, establish spray arc conditions at the prescribed current, reduce the arc voltage until there is a small amount of audible crackle or hiss and then increase the voltage slightly until the crackle is no longer audible (adjusting the wire feed speed to restore the test current, as necessary).

1) To be published. (Revision of ISO 15011-3:2002)

For CO₂, set the prescribed current and adjust the voltage to establish smoothest metal transfer, as determined by an experienced welder.”

Page 23, Annex G

In the three boxes under the heading “Optional additional section of the fume data sheet”, replace all four references to “0a” by “1a”.

