
**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



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Foreword

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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.

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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”.

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