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AMENDEMENT 1
AMENDMENT 1
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Amendement 1

Matériel de soudage à l'arc –

**Partie 10:
Exigences relatives à la compatibilité
électromagnétique (CEM)**

Amendment 1

Arc welding equipment –

**Part 10:
Electromagnetic compatibility (EMC)
requirements**

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FOREWORD

This amendment has been prepared by IEC technical committee 26: Electric welding.

The text of this amendment is based on the following documents:

FDIS	Report on voting
26/285/FDIS	26/291/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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6.2.2 Mains terminal disturbance voltage limits

Delete, in item a), the text "and IEC/TS 61000-3-4".

Replace the existing note by the following new note:

NOTE IEC/TS 61000-3-4 may be used to guide the parties concerned by the installation of arc welding equipment in a low voltage network.

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Table 1 – Immunity levels – Enclosure

Replace, in the first row of the third column, the number 3 by the number 10.

The resulting table is as follows:

Table 1 – Immunity levels – Enclosure

Phenomena		Units	Test specification	Basic standard and test set-up	Remarks	Performance criteria
Radio-frequency EM field, amplitude modulated		MHz V/m (unmod. r.m.s.) % AM (1 kHz)	80 – 1 000 10 80	IEC 61000-4-3	This test level specified is prior to modulation	A
Electrostatic discharge	Contact discharge	kV (charge voltage)	±4	IEC 61000-4-2	See basic standard for applicability of contact and/or air discharge test. See note	B
	Air discharge	kV (charge voltage)	±8			B
NOTE Testing is not required at lower levels than those specified.						