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ILNAS-EN 62226-3-1:2007

Exposure to electric or magnetic fields in the low and intermediate frequency range - Methods for calculating the current density and internal electric

Exposition aux champs électriques ou magnétiques à basse et moyenne fréquence - Méthodes de calcul des densités de courant induit et des champs

Sicherheit in elektrischen oder magnetischen Feldern im niedrigen und mittleren Frequenzbereich - Verfahren zur Berechnung der induzierten

09/2007

National Foreword

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EUROPEAN STANDARD **EN 62226-3-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM September 2007

ICS 17.220.20

English version

Exposure to electric or magnetic fields in the low and intermediate frequency range - Methods for calculating the current density and internal electric field induced in the human body - Part 3-1: Exposure to electric fields - Analytical and 2D numerical models

(IEC 62226-3-1:2007)

Exposition aux champs électriques ou magnétiques à basse et moyenne fréquence - Méthodes de calcul des densités de courant induit et des champs électriques induits dans le corps humain - Partie 3-1: Exposition à des champs électriques - Modèles analytiques et numériques 2D (CEI 62226-3-1:2007)

Sicherheit in elektrischen oder magnetischen Feldern im niedrigen und mittleren Frequenzbereich - Verfahren zur Berechnung der induzierten Körperstromdichte und des im menschlichen Körpers induzierten elektrischen Feldes - Teil 3-1: Exposition gegenüber elektrischen Feldern - Analytische Modelle und numerische 2D-Modelle (IEC 62226-3-1:2007)

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CENELEC
European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 62226-3-1:2007 E

Foreword

The text of document 106/125/FDIS, future edition 1 of IEC 62226-3-1, prepared by IEC TC 106, Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62226-3-1 on 2007-09-01.

This European Standard is to be used in conjunction with EN 62226-1:2005.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2008-06-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2010-09-01

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Endorsement notice

The text of the International Standard IEC 62226-3-1:2007 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

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Exposure to electric or magnetic fields in the low and intermediate frequency range – Methods for calculating the current density and internal electric field induced in the human body –

Part 3-1: Exposure to electric fields – Analytical and 2D numerical models

Exposition aux champs électriques ou magnétiques à basse et moyenne fréquence – Méthodes de calcul des densités de courant induit et des champs électriques induits dans le corps humain –

Partie 3-1: Exposition à des champs électriques – Modèles analytiques et numériques 2D

Reference number
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IEC/CEI 62226-3-1:2007

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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This standard is to be used in conjunction with the first edition of IEC 62226-1:2004, *Exposure to electric or magnetic fields in the low and intermediate frequency range – Methods for calculating the current density and internal electric field induced in the human body – Part 1: General.*