



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

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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**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

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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

Endorsement notice

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

INTERNATIONAL STANDARD

**IEC
CEI**

NORME INTERNATIONALE

62226-3-1

First edition
Première édition
2007-05

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**Partie 3-1:
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Reference number
Numéro de référence
IEC/CEI 62226-3-1:2007

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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**

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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*.